

Pantheon Report

Generated at 2018-05-24 17:26:02 (UTC).

Data path: AWS Brazil 2 Ethernet (*local*) → Colombia Ethernet (*remote*).

Repeated the test of 16 congestion control schemes 10 times.

Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

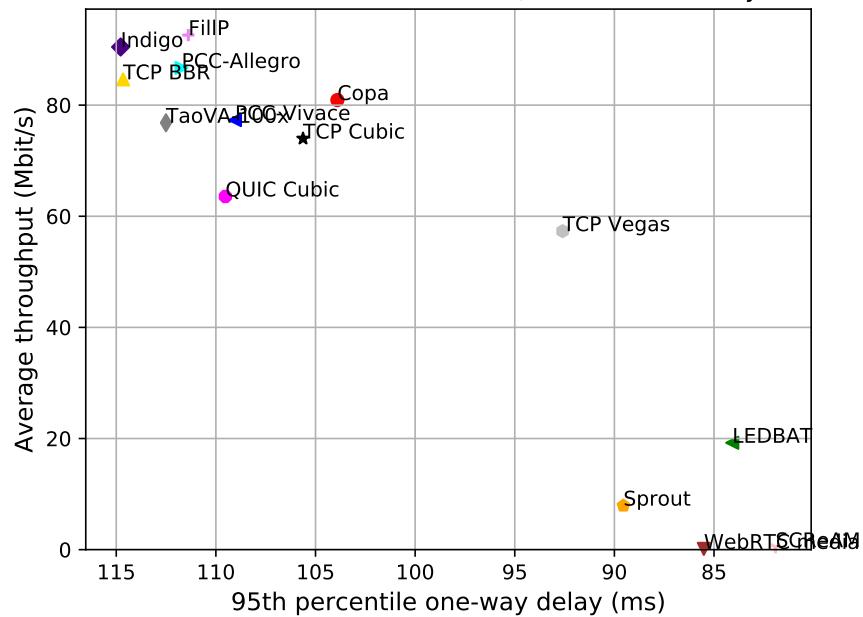
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `gps.ntp.br` and have been applied to correct the timestamps in logs.

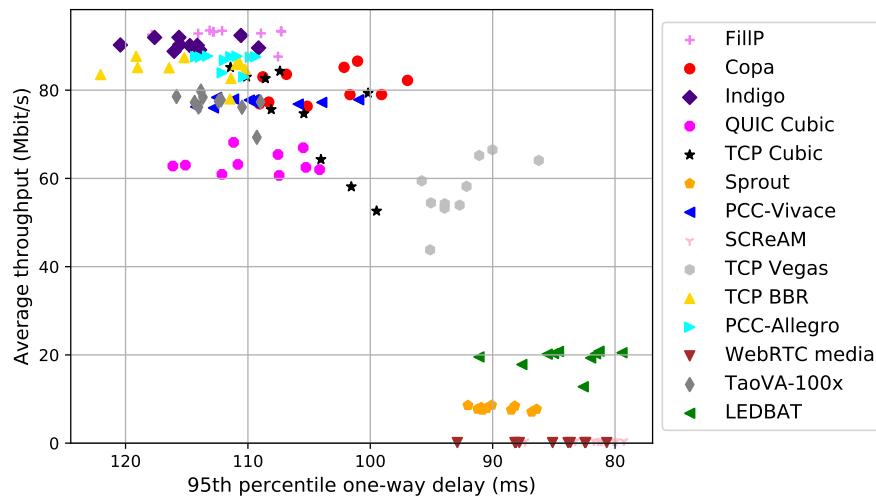
Git summary:

```
branch: master @ 0088822873ea99180f63545a341ef069f40efe59
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/genericCC @ c7966e494a929986eaa5a9c169a7f381fe1bbbe5
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from AWS Brazil 2 to Colombia, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS Brazil 2 to Colombia, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



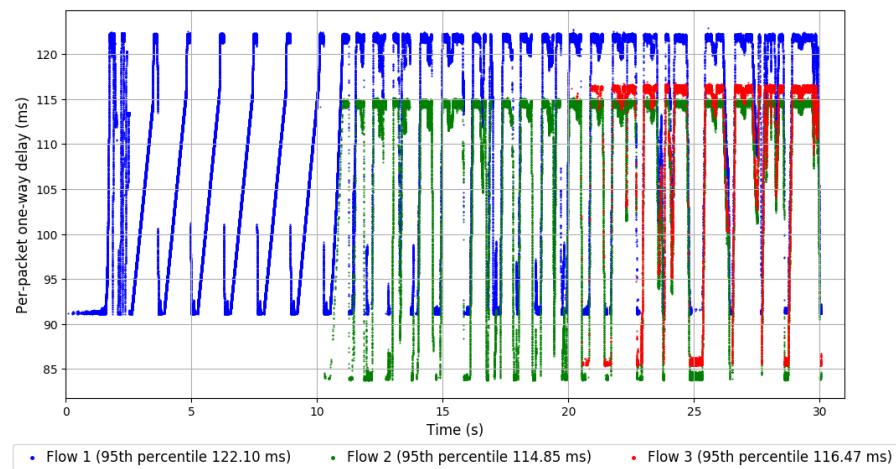
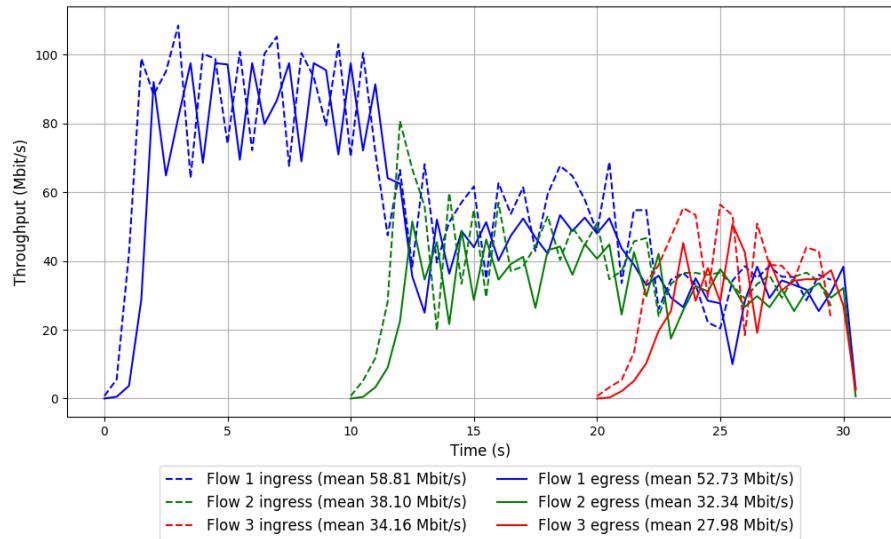
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	52.64	36.04	24.04	113.27	112.55	111.97	8.41	11.94	13.65
Copa	10	57.51	27.05	16.22	105.10	102.21	99.11	1.67	0.63	0.29
TCP Cubic	10	40.98	34.88	29.39	103.33	106.64	106.58	0.44	0.67	1.01
FillP	10	60.38	37.34	22.39	110.79	109.70	108.66	17.27	20.49	20.07
Indigo	10	61.45	30.73	26.96	113.34	114.40	113.94	6.98	19.38	40.19
LEDBAT	10	12.63	7.89	4.14	83.48	84.31	83.34	0.01	0.02	0.01
PCC-Allegro	10	74.96	13.64	8.07	111.49	112.39	112.79	3.01	4.52	5.58
PCC-Expr	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
QUIC Cubic	10	49.07	14.86	14.14	109.96	108.11	105.22	0.87	0.45	1.88
SCReAM	10	0.21	0.22	0.22	81.75	80.26	80.26	0.00	0.00	0.00
Sprout	10	4.18	4.12	3.05	89.44	88.82	89.42	0.00	0.00	0.00
TaoVA-100x	10	48.02	30.72	25.38	112.20	112.61	113.35	4.20	8.42	10.15
TCP Vegas	10	26.11	30.83	32.11	92.56	93.33	94.28	0.66	0.58	1.65
Verus	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCC-Vivace	10	65.32	14.03	8.05	109.26	107.00	106.67	0.32	0.62	0.93
WebRTC media	10	0.05	0.04	0.04	84.83	84.14	84.25	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2018-05-24 14:09:48
End at: 2018-05-24 14:10:18
Local clock offset: -3.034 ms
Remote clock offset: 7.574 ms

# Below is generated by plot.py at 2018-05-24 17:10:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.54 Mbit/s
95th percentile per-packet one-way delay: 122.040 ms
Loss rate: 12.61%
-- Flow 1:
Average throughput: 52.73 Mbit/s
95th percentile per-packet one-way delay: 122.102 ms
Loss rate: 10.36%
-- Flow 2:
Average throughput: 32.34 Mbit/s
95th percentile per-packet one-way delay: 114.854 ms
Loss rate: 15.25%
-- Flow 3:
Average throughput: 27.98 Mbit/s
95th percentile per-packet one-way delay: 116.472 ms
Loss rate: 18.33%
```

Run 1: Report of TCP BBR — Data Link

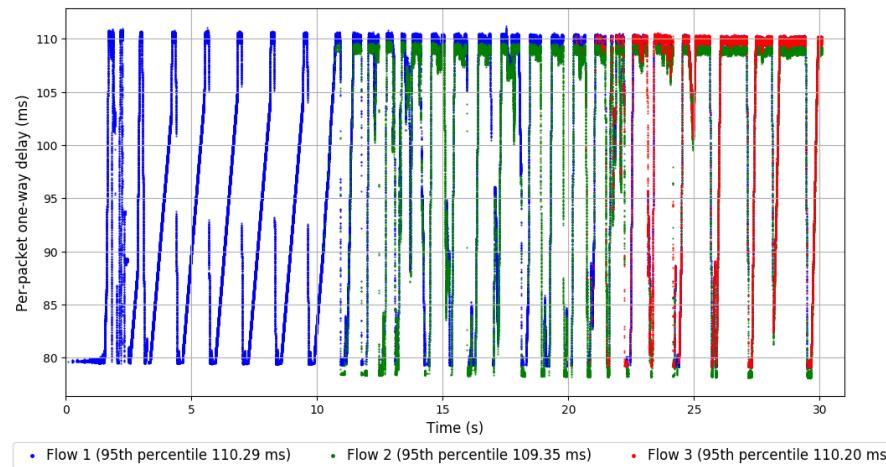
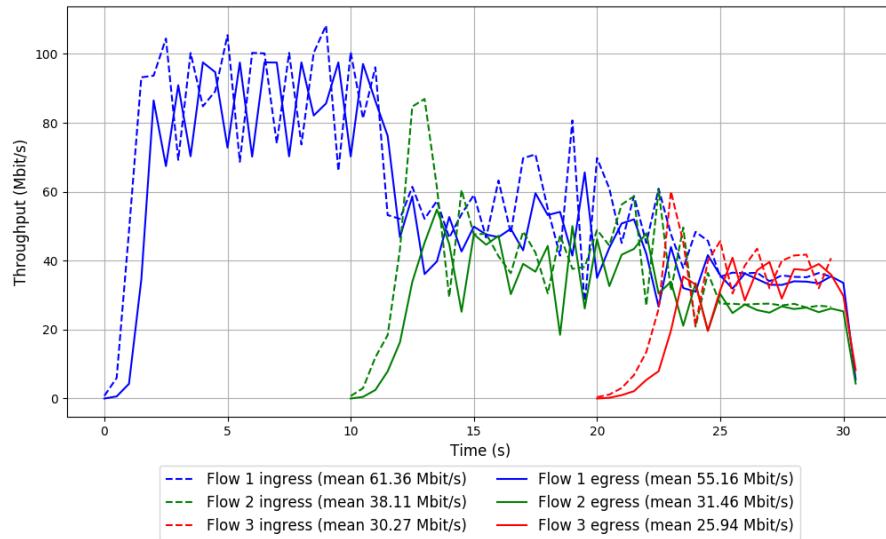


Run 2: Statistics of TCP BBR

```
Start at: 2018-05-24 14:29:28
End at: 2018-05-24 14:29:58
Local clock offset: -1.228 ms
Remote clock offset: 10.287 ms

# Below is generated by plot.py at 2018-05-24 17:11:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.78 Mbit/s
95th percentile per-packet one-way delay: 110.227 ms
Loss rate: 12.36%
-- Flow 1:
Average throughput: 55.16 Mbit/s
95th percentile per-packet one-way delay: 110.286 ms
Loss rate: 10.01%
-- Flow 2:
Average throughput: 31.46 Mbit/s
95th percentile per-packet one-way delay: 109.350 ms
Loss rate: 17.36%
-- Flow 3:
Average throughput: 25.94 Mbit/s
95th percentile per-packet one-way delay: 110.205 ms
Loss rate: 14.05%
```

Run 2: Report of TCP BBR — Data Link

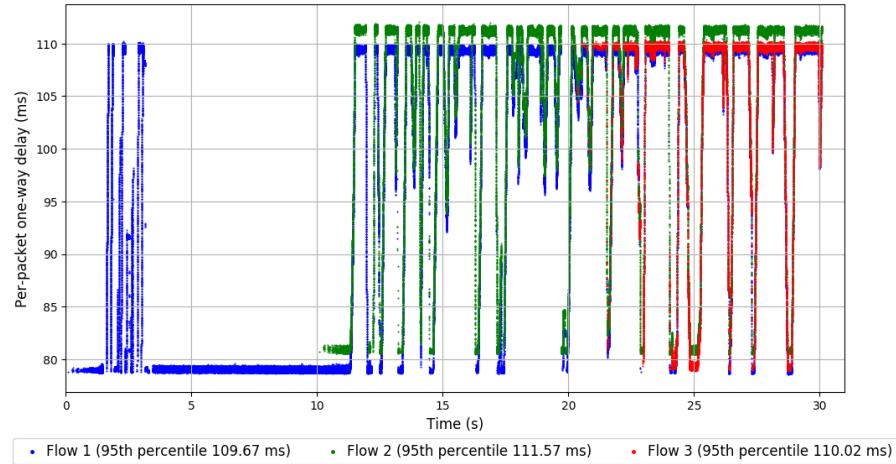
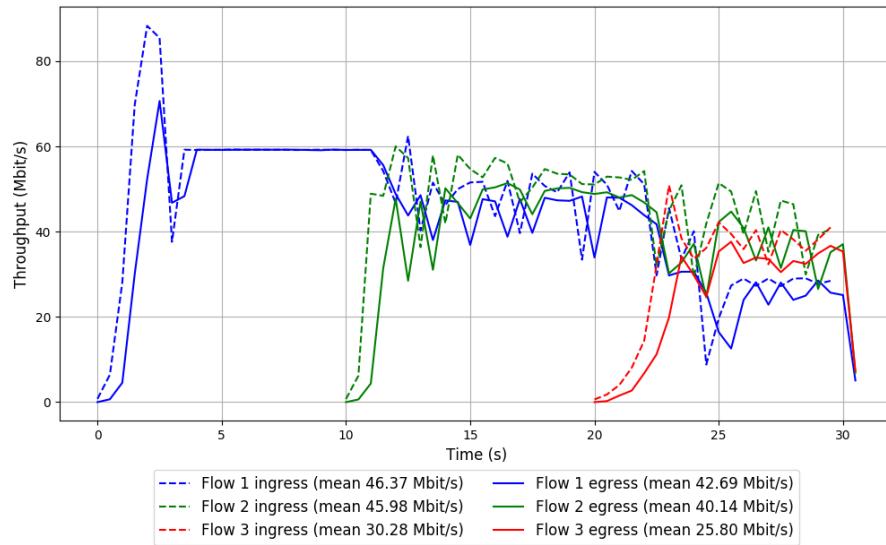


Run 3: Statistics of TCP BBR

```
Start at: 2018-05-24 14:49:09
End at: 2018-05-24 14:49:39
Local clock offset: -1.829 ms
Remote clock offset: 20.349 ms

# Below is generated by plot.py at 2018-05-24 17:11:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.01 Mbit/s
95th percentile per-packet one-way delay: 111.458 ms
Loss rate: 10.32%
-- Flow 1:
Average throughput: 42.69 Mbit/s
95th percentile per-packet one-way delay: 109.671 ms
Loss rate: 7.85%
-- Flow 2:
Average throughput: 40.14 Mbit/s
95th percentile per-packet one-way delay: 111.573 ms
Loss rate: 12.58%
-- Flow 3:
Average throughput: 25.80 Mbit/s
95th percentile per-packet one-way delay: 110.016 ms
Loss rate: 14.80%
```

Run 3: Report of TCP BBR — Data Link

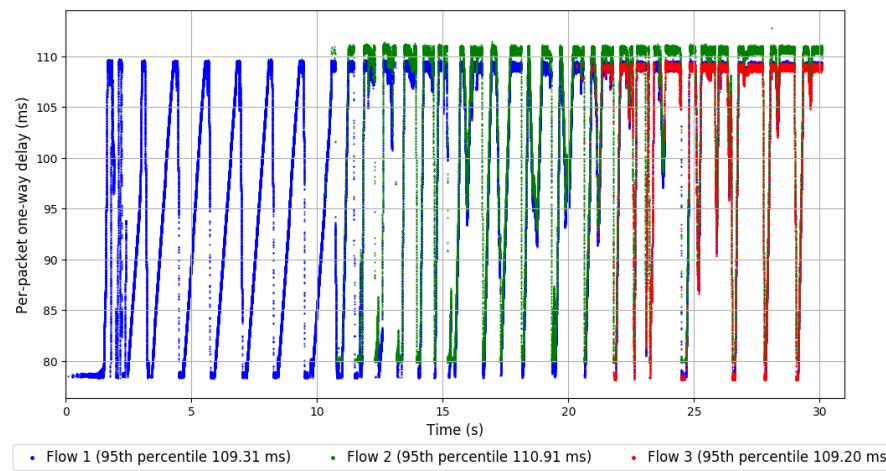
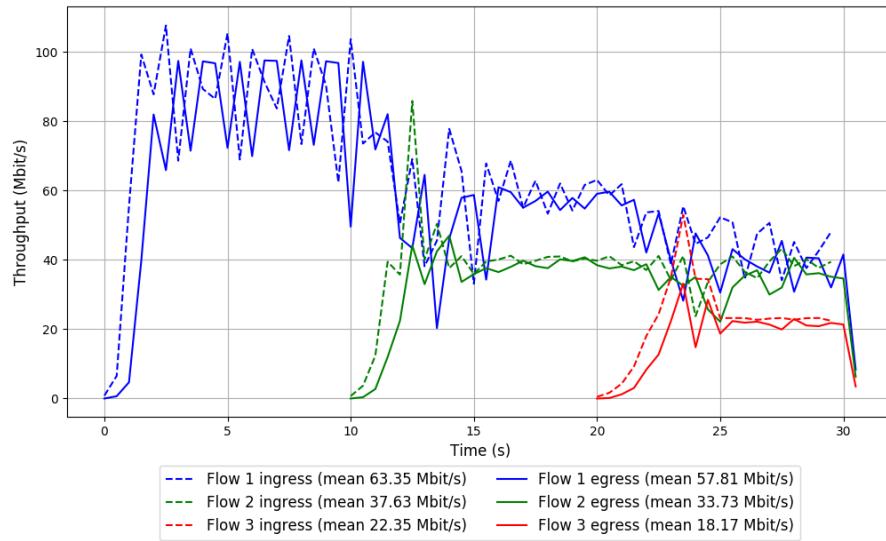


Run 4: Statistics of TCP BBR

```
Start at: 2018-05-24 15:08:49
End at: 2018-05-24 15:09:19
Local clock offset: -1.182 ms
Remote clock offset: 24.486 ms

# Below is generated by plot.py at 2018-05-24 17:11:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.31 Mbit/s
95th percentile per-packet one-way delay: 110.705 ms
Loss rate: 9.85%
-- Flow 1:
Average throughput: 57.81 Mbit/s
95th percentile per-packet one-way delay: 109.311 ms
Loss rate: 8.66%
-- Flow 2:
Average throughput: 33.73 Mbit/s
95th percentile per-packet one-way delay: 110.912 ms
Loss rate: 10.27%
-- Flow 3:
Average throughput: 18.17 Mbit/s
95th percentile per-packet one-way delay: 109.199 ms
Loss rate: 18.66%
```

Run 4: Report of TCP BBR — Data Link

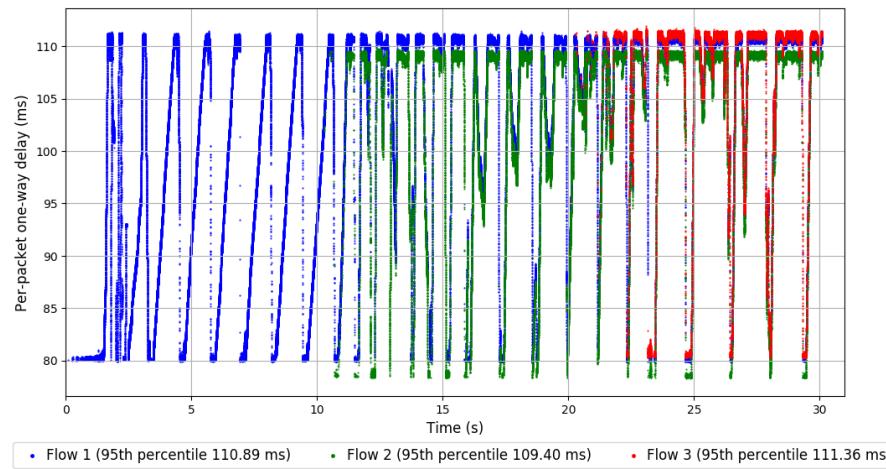
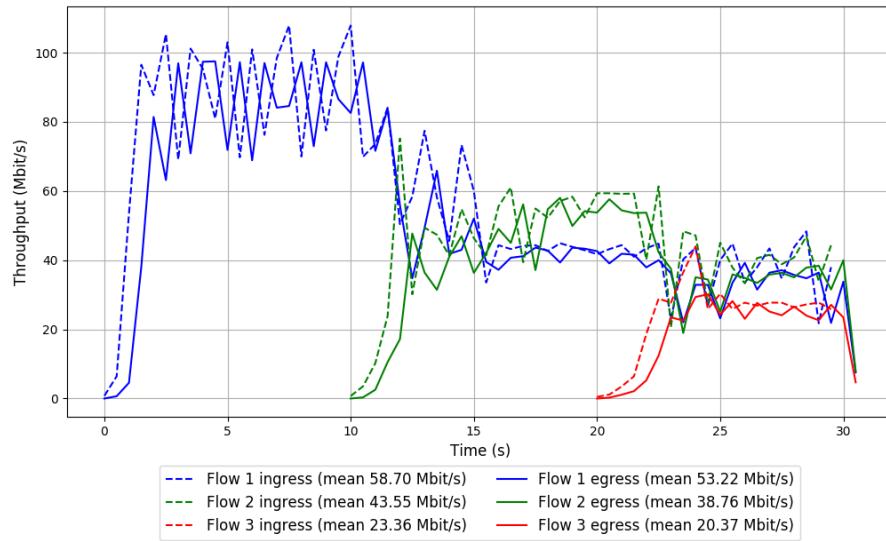


Run 5: Statistics of TCP BBR

```
Start at: 2018-05-24 15:28:30
End at: 2018-05-24 15:29:00
Local clock offset: -1.278 ms
Remote clock offset: 28.187 ms

# Below is generated by plot.py at 2018-05-24 17:11:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.82 Mbit/s
95th percentile per-packet one-way delay: 110.966 ms
Loss rate: 10.04%
-- Flow 1:
Average throughput: 53.22 Mbit/s
95th percentile per-packet one-way delay: 110.894 ms
Loss rate: 9.25%
-- Flow 2:
Average throughput: 38.76 Mbit/s
95th percentile per-packet one-way delay: 109.396 ms
Loss rate: 10.94%
-- Flow 3:
Average throughput: 20.37 Mbit/s
95th percentile per-packet one-way delay: 111.355 ms
Loss rate: 12.65%
```

Run 5: Report of TCP BBR — Data Link

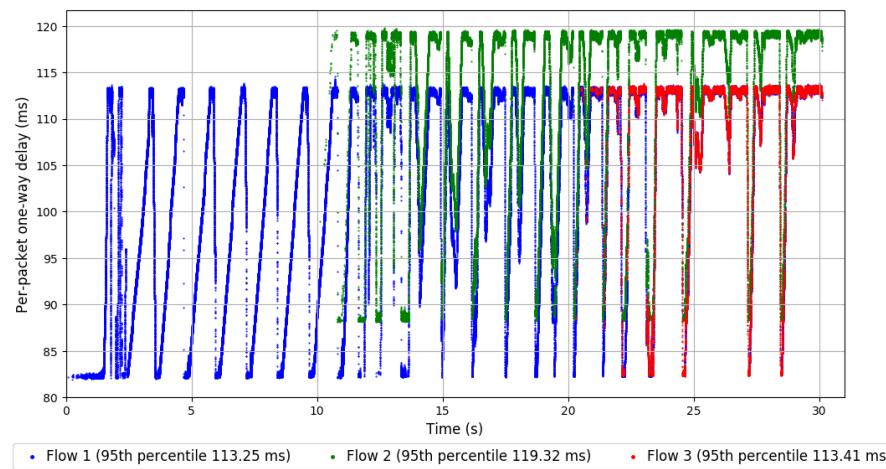
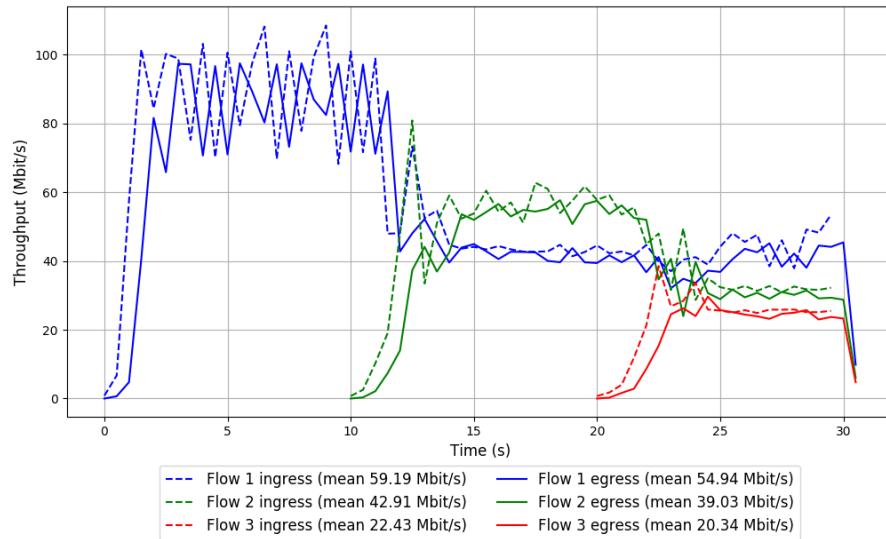


Run 6: Statistics of TCP BBR

```
Start at: 2018-05-24 15:48:11
End at: 2018-05-24 15:48:41
Local clock offset: -2.416 ms
Remote clock offset: 7.149 ms

# Below is generated by plot.py at 2018-05-24 17:11:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.69 Mbit/s
95th percentile per-packet one-way delay: 119.129 ms
Loss rate: 7.83%
-- Flow 1:
Average throughput: 54.94 Mbit/s
95th percentile per-packet one-way delay: 113.250 ms
Loss rate: 7.08%
-- Flow 2:
Average throughput: 39.03 Mbit/s
95th percentile per-packet one-way delay: 119.317 ms
Loss rate: 8.98%
-- Flow 3:
Average throughput: 20.34 Mbit/s
95th percentile per-packet one-way delay: 113.409 ms
Loss rate: 9.33%
```

Run 6: Report of TCP BBR — Data Link

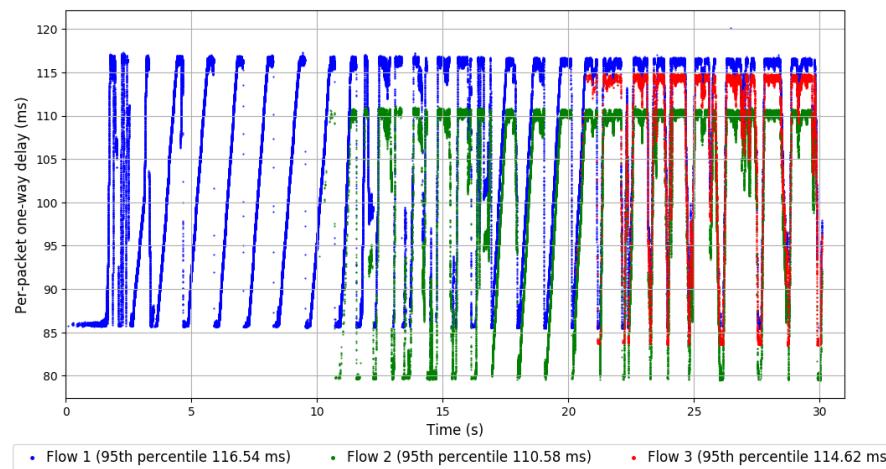
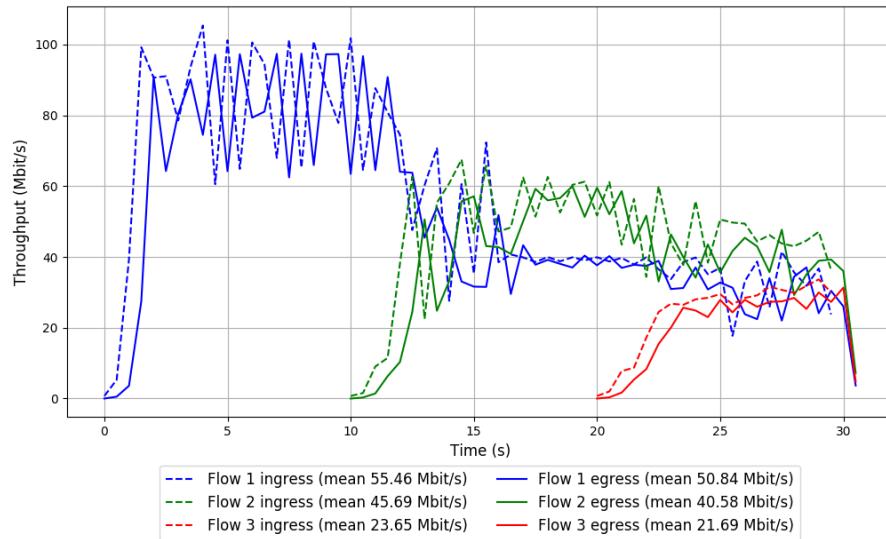


Run 7: Statistics of TCP BBR

```
Start at: 2018-05-24 16:07:50
End at: 2018-05-24 16:08:20
Local clock offset: -2.244 ms
Remote clock offset: -3.011 ms

# Below is generated by plot.py at 2018-05-24 17:11:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.07 Mbit/s
95th percentile per-packet one-way delay: 116.439 ms
Loss rate: 9.25%
-- Flow 1:
Average throughput: 50.84 Mbit/s
95th percentile per-packet one-way delay: 116.537 ms
Loss rate: 8.31%
-- Flow 2:
Average throughput: 40.58 Mbit/s
95th percentile per-packet one-way delay: 110.579 ms
Loss rate: 11.19%
-- Flow 3:
Average throughput: 21.69 Mbit/s
95th percentile per-packet one-way delay: 114.624 ms
Loss rate: 8.34%
```

Run 7: Report of TCP BBR — Data Link

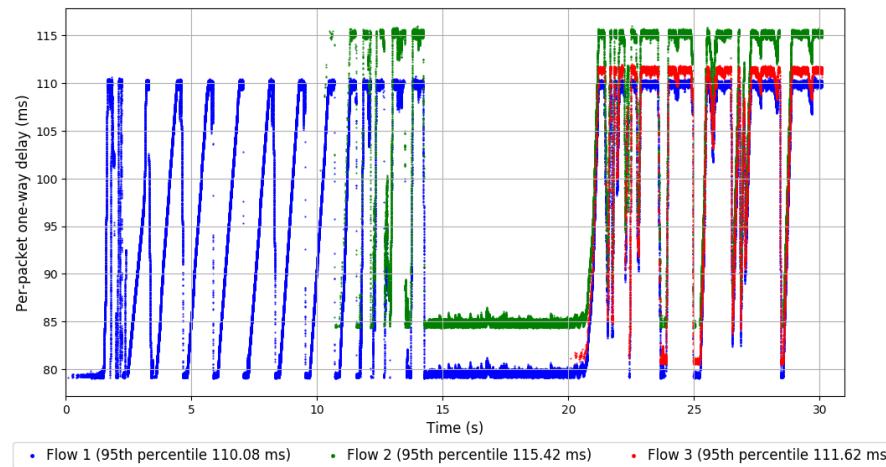
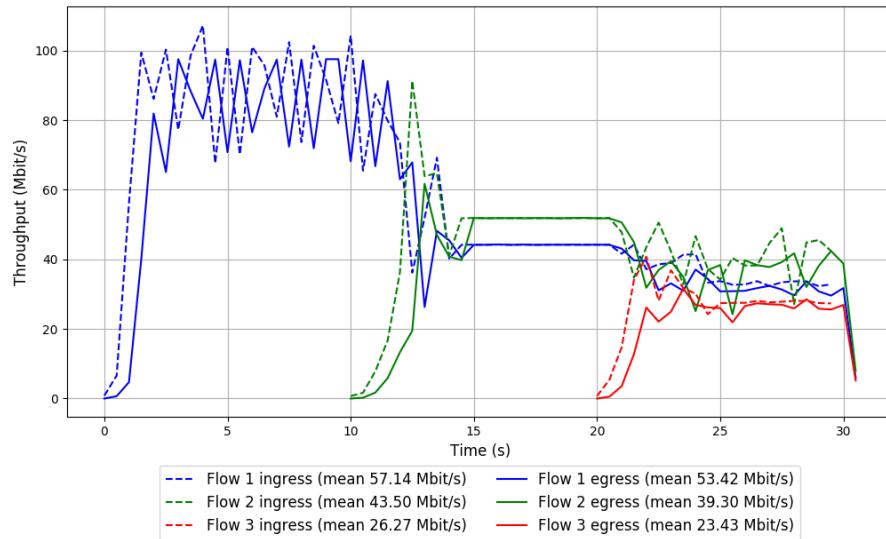


Run 8: Statistics of TCP BBR

```
Start at: 2018-05-24 16:27:32
End at: 2018-05-24 16:28:02
Local clock offset: -1.478 ms
Remote clock offset: 1.629 ms

# Below is generated by plot.py at 2018-05-24 17:11:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.39 Mbit/s
95th percentile per-packet one-way delay: 115.200 ms
Loss rate: 7.77%
-- Flow 1:
Average throughput: 53.42 Mbit/s
95th percentile per-packet one-way delay: 110.075 ms
Loss rate: 6.42%
-- Flow 2:
Average throughput: 39.30 Mbit/s
95th percentile per-packet one-way delay: 115.416 ms
Loss rate: 9.61%
-- Flow 3:
Average throughput: 23.43 Mbit/s
95th percentile per-packet one-way delay: 111.623 ms
Loss rate: 10.52%
```

Run 8: Report of TCP BBR — Data Link

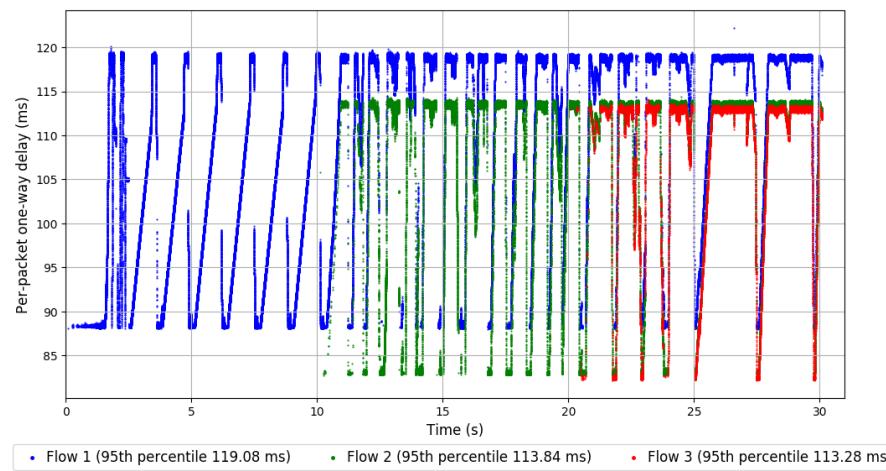
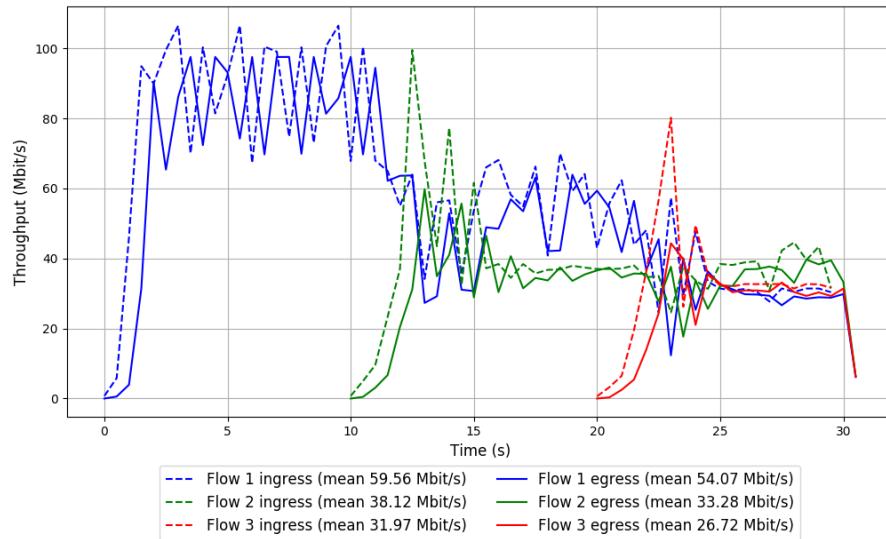


Run 9: Statistics of TCP BBR

```
Start at: 2018-05-24 16:47:11
End at: 2018-05-24 16:47:41
Local clock offset: -1.426 ms
Remote clock offset: 6.59 ms

# Below is generated by plot.py at 2018-05-24 17:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.12 Mbit/s
95th percentile per-packet one-way delay: 119.015 ms
Loss rate: 10.88%
-- Flow 1:
Average throughput: 54.07 Mbit/s
95th percentile per-packet one-way delay: 119.085 ms
Loss rate: 9.14%
-- Flow 2:
Average throughput: 33.28 Mbit/s
95th percentile per-packet one-way delay: 113.844 ms
Loss rate: 12.66%
-- Flow 3:
Average throughput: 26.72 Mbit/s
95th percentile per-packet one-way delay: 113.284 ms
Loss rate: 16.41%
```

Run 9: Report of TCP BBR — Data Link

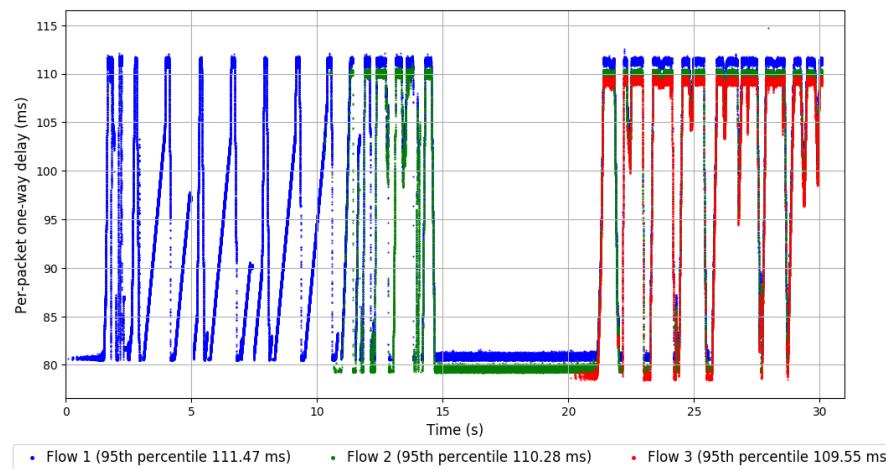
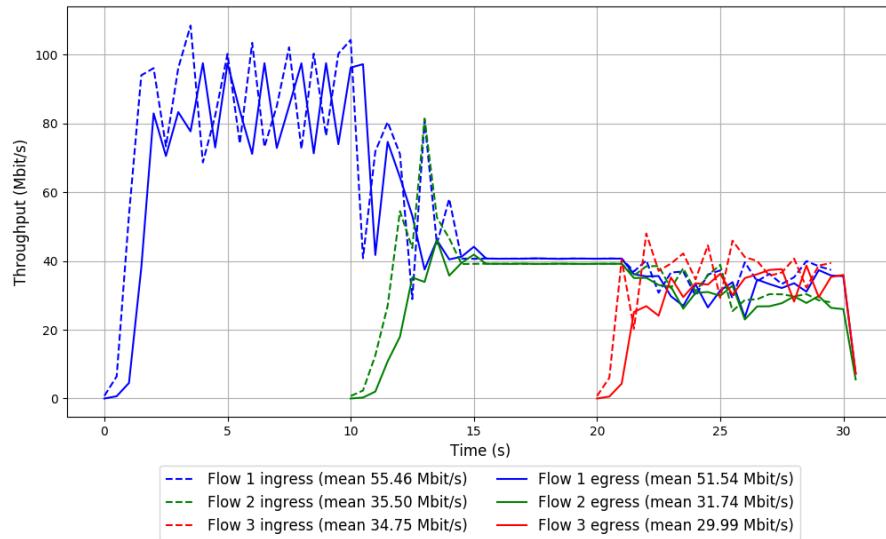


Run 10: Statistics of TCP BBR

```
Start at: 2018-05-24 17:06:49
End at: 2018-05-24 17:07:19
Local clock offset: -2.097 ms
Remote clock offset: 2.67 ms

# Below is generated by plot.py at 2018-05-24 17:11:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.67 Mbit/s
95th percentile per-packet one-way delay: 111.380 ms
Loss rate: 8.73%
-- Flow 1:
Average throughput: 51.54 Mbit/s
95th percentile per-packet one-way delay: 111.469 ms
Loss rate: 6.98%
-- Flow 2:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 110.279 ms
Loss rate: 10.53%
-- Flow 3:
Average throughput: 29.99 Mbit/s
95th percentile per-packet one-way delay: 109.548 ms
Loss rate: 13.44%
```

Run 10: Report of TCP BBR — Data Link

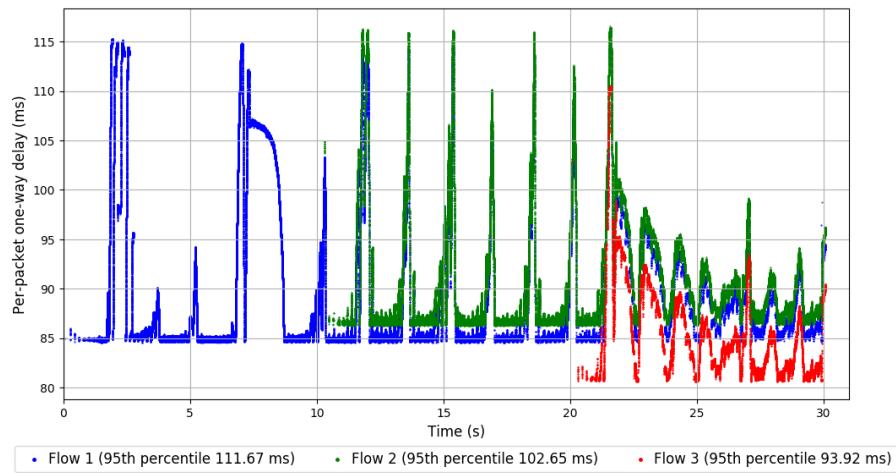
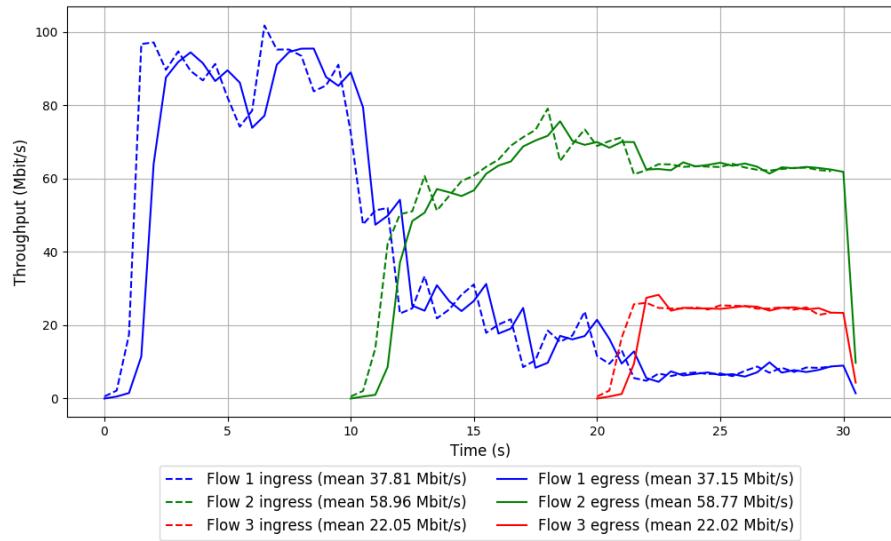


Run 1: Statistics of Copa

```
Start at: 2018-05-24 14:04:48
End at: 2018-05-24 14:05:18
Local clock offset: -2.309 ms
Remote clock offset: 3.911 ms

# Below is generated by plot.py at 2018-05-24 17:12:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.59 Mbit/s
95th percentile per-packet one-way delay: 106.855 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 37.15 Mbit/s
95th percentile per-packet one-way delay: 111.667 ms
Loss rate: 1.73%
-- Flow 2:
Average throughput: 58.77 Mbit/s
95th percentile per-packet one-way delay: 102.650 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 22.02 Mbit/s
95th percentile per-packet one-way delay: 93.921 ms
Loss rate: 0.26%
```

Run 1: Report of Copa — Data Link

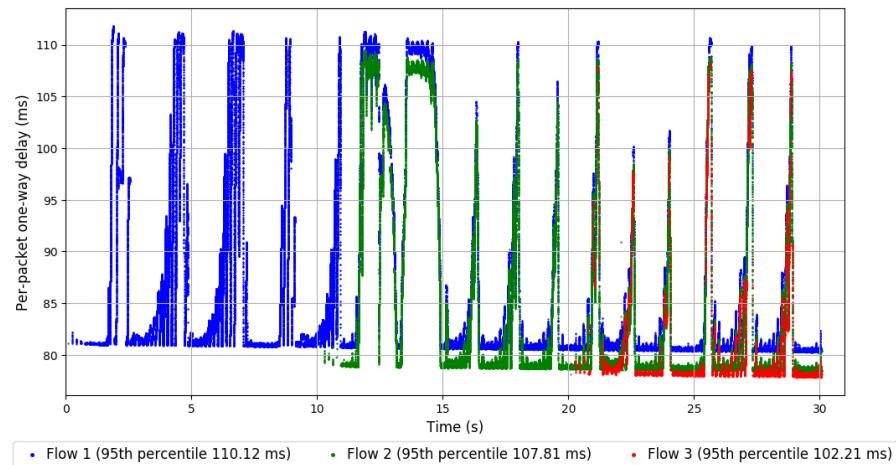
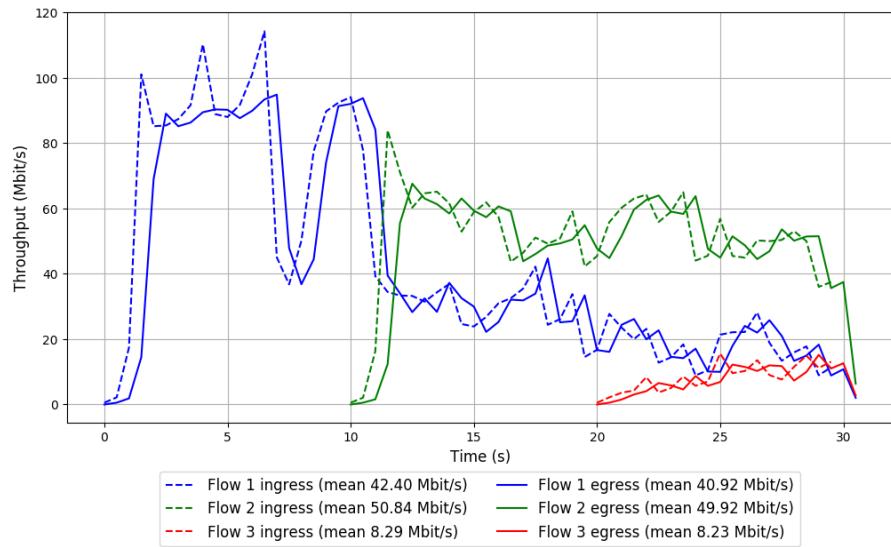


Run 2: Statistics of Copa

```
Start at: 2018-05-24 14:24:28
End at: 2018-05-24 14:24:58
Local clock offset: -2.096 ms
Remote clock offset: 4.841 ms

# Below is generated by plot.py at 2018-05-24 17:12:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.91 Mbit/s
95th percentile per-packet one-way delay: 109.054 ms
Loss rate: 2.68%
-- Flow 1:
Average throughput: 40.92 Mbit/s
95th percentile per-packet one-way delay: 110.119 ms
Loss rate: 3.50%
-- Flow 2:
Average throughput: 49.92 Mbit/s
95th percentile per-packet one-way delay: 107.807 ms
Loss rate: 1.81%
-- Flow 3:
Average throughput: 8.23 Mbit/s
95th percentile per-packet one-way delay: 102.213 ms
Loss rate: 0.81%
```

Run 2: Report of Copa — Data Link

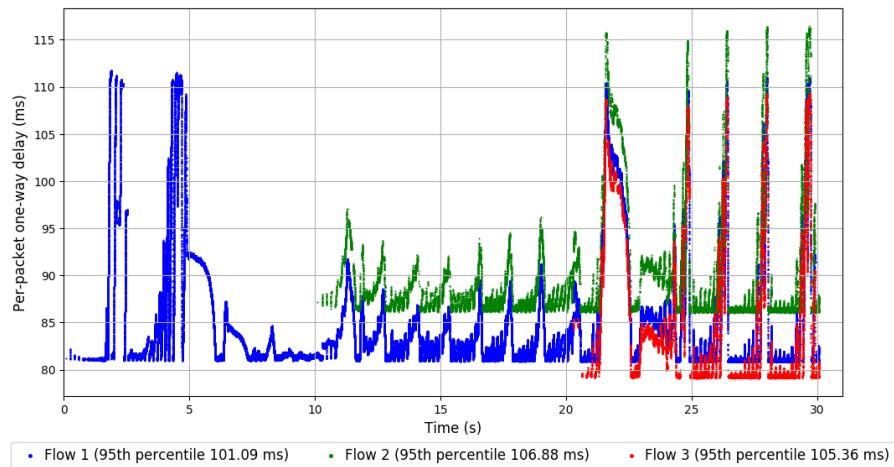
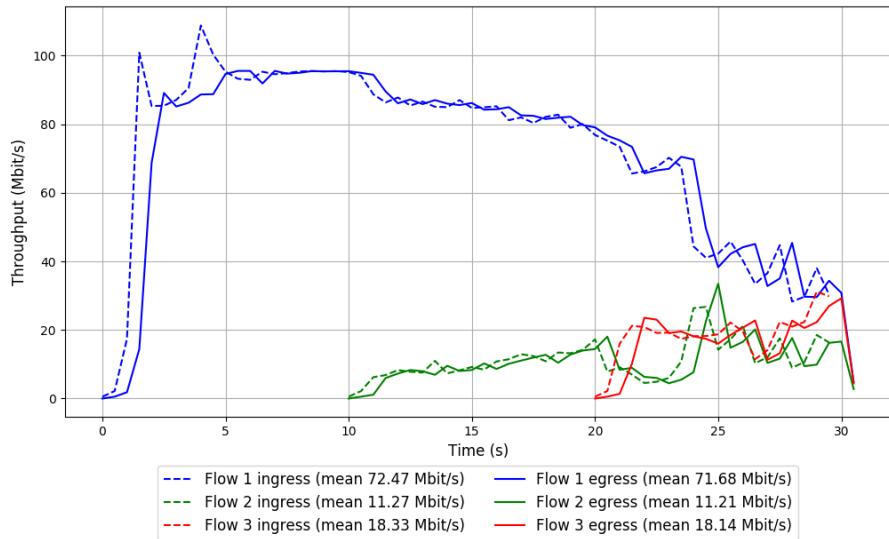


Run 3: Statistics of Copa

```
Start at: 2018-05-24 14:44:08
End at: 2018-05-24 14:44:38
Local clock offset: -2.596 ms
Remote clock offset: 18.08 ms

# Below is generated by plot.py at 2018-05-24 17:12:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.18 Mbit/s
95th percentile per-packet one-way delay: 102.141 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 71.68 Mbit/s
95th percentile per-packet one-way delay: 101.087 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 11.21 Mbit/s
95th percentile per-packet one-way delay: 106.882 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 18.14 Mbit/s
95th percentile per-packet one-way delay: 105.358 ms
Loss rate: 1.08%
```

Run 3: Report of Copa — Data Link

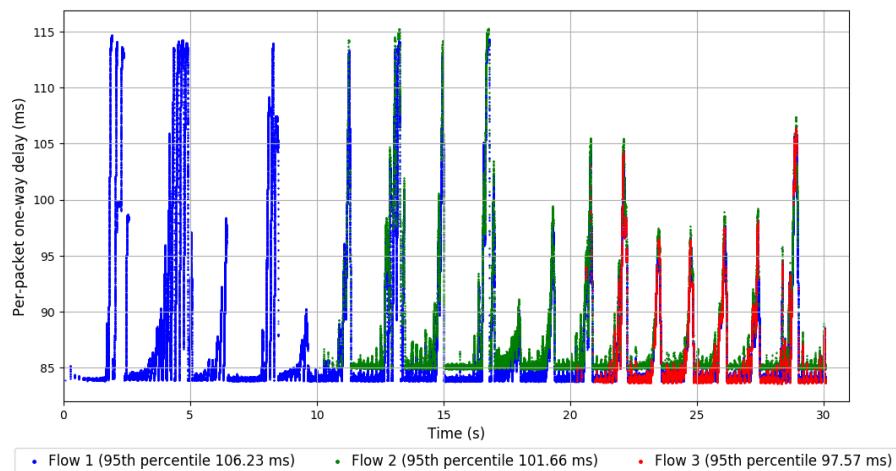
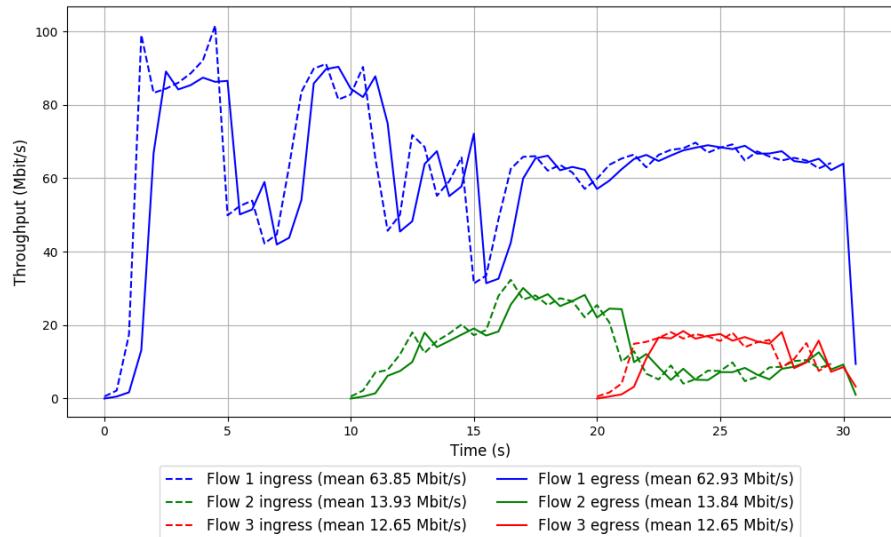


Run 4: Statistics of Copa

```
Start at: 2018-05-24 15:03:49
End at: 2018-05-24 15:04:19
Local clock offset: -2.001 ms
Remote clock offset: 26.621 ms

# Below is generated by plot.py at 2018-05-24 17:12:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.35 Mbit/s
95th percentile per-packet one-way delay: 105.159 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 62.93 Mbit/s
95th percentile per-packet one-way delay: 106.234 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 13.84 Mbit/s
95th percentile per-packet one-way delay: 101.664 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 12.65 Mbit/s
95th percentile per-packet one-way delay: 97.572 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

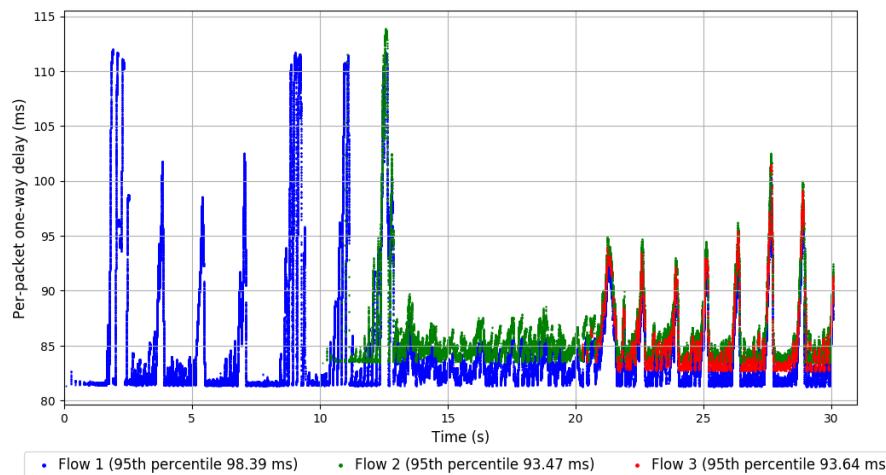
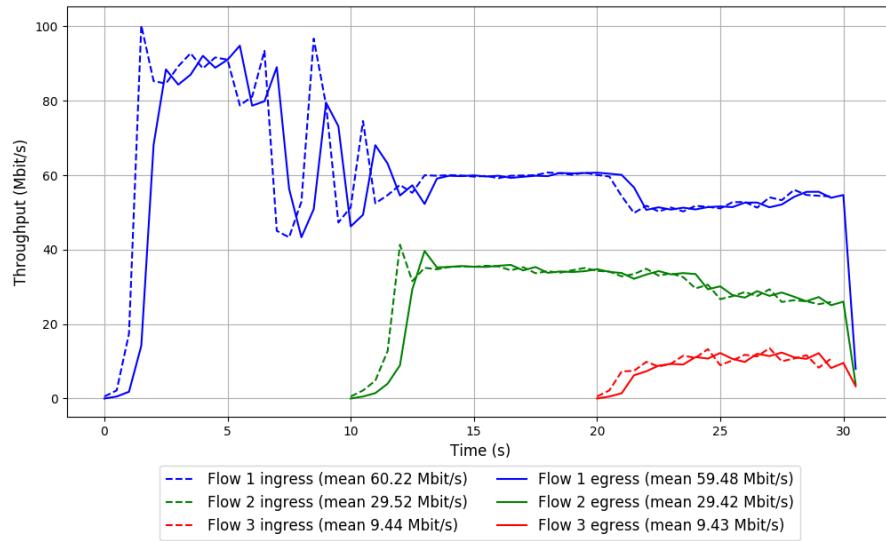


Run 5: Statistics of Copa

```
Start at: 2018-05-24 15:23:29
End at: 2018-05-24 15:23:59
Local clock offset: -1.178 ms
Remote clock offset: 30.199 ms

# Below is generated by plot.py at 2018-05-24 17:12:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.22 Mbit/s
95th percentile per-packet one-way delay: 96.959 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 59.48 Mbit/s
95th percentile per-packet one-way delay: 98.387 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 29.42 Mbit/s
95th percentile per-packet one-way delay: 93.474 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 9.43 Mbit/s
95th percentile per-packet one-way delay: 93.642 ms
Loss rate: 0.01%
```

Run 5: Report of Copa — Data Link

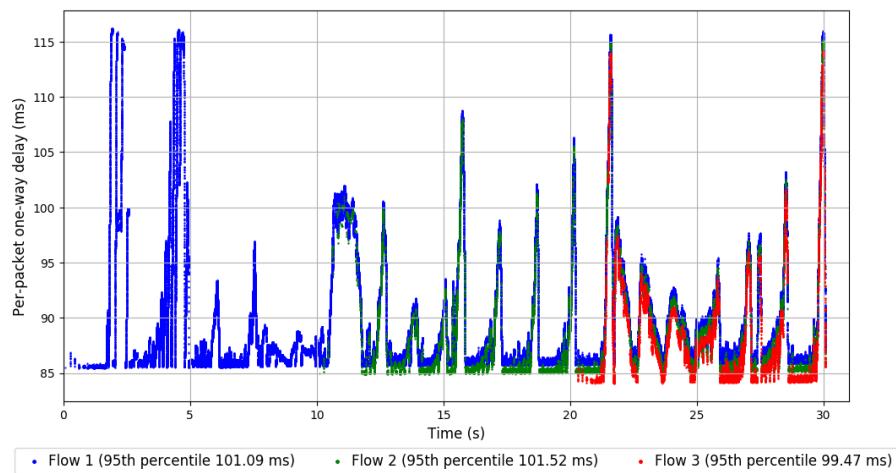
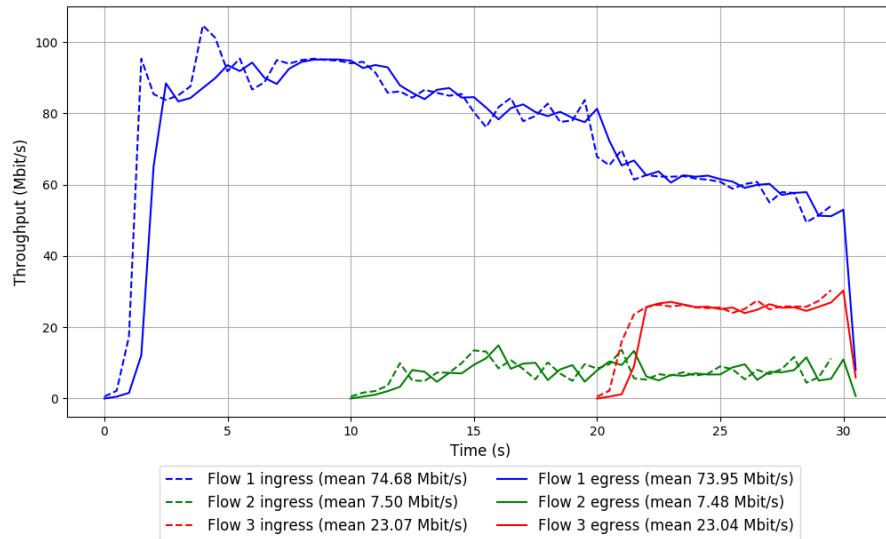


Run 6: Statistics of Copa

```
Start at: 2018-05-24 15:43:10
End at: 2018-05-24 15:43:40
Local clock offset: -1.588 ms
Remote clock offset: 12.397 ms

# Below is generated by plot.py at 2018-05-24 17:12:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.58 Mbit/s
95th percentile per-packet one-way delay: 101.042 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 73.95 Mbit/s
95th percentile per-packet one-way delay: 101.090 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 101.515 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.04 Mbit/s
95th percentile per-packet one-way delay: 99.466 ms
Loss rate: 0.30%
```

Run 6: Report of Copa — Data Link

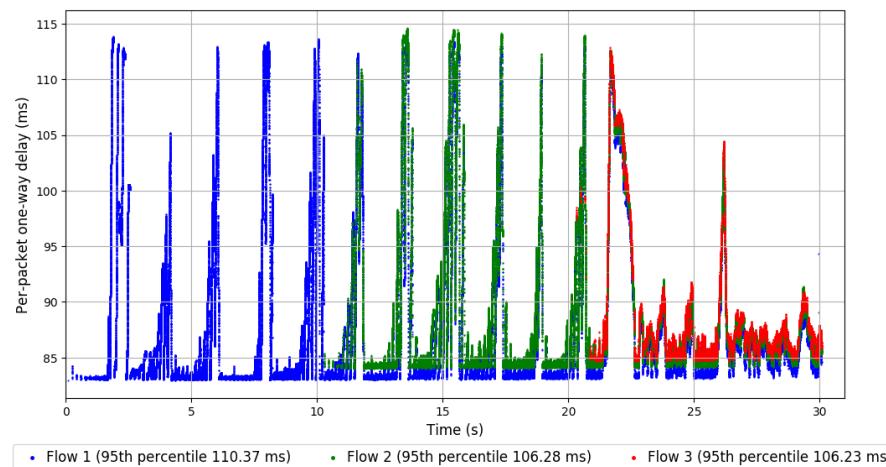
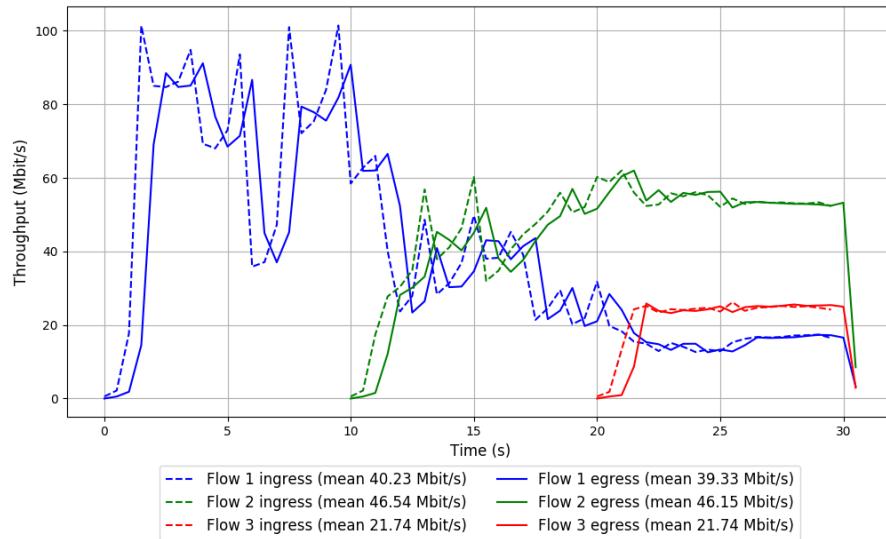


Run 7: Statistics of Copa

```
Start at: 2018-05-24 16:02:50
End at: 2018-05-24 16:03:20
Local clock offset: -2.318 ms
Remote clock offset: 1.26 ms

# Below is generated by plot.py at 2018-05-24 17:13:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.29 Mbit/s
95th percentile per-packet one-way delay: 108.299 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 39.33 Mbit/s
95th percentile per-packet one-way delay: 110.372 ms
Loss rate: 2.23%
-- Flow 2:
Average throughput: 46.15 Mbit/s
95th percentile per-packet one-way delay: 106.281 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 21.74 Mbit/s
95th percentile per-packet one-way delay: 106.229 ms
Loss rate: 0.00%
```

Run 7: Report of Copa — Data Link

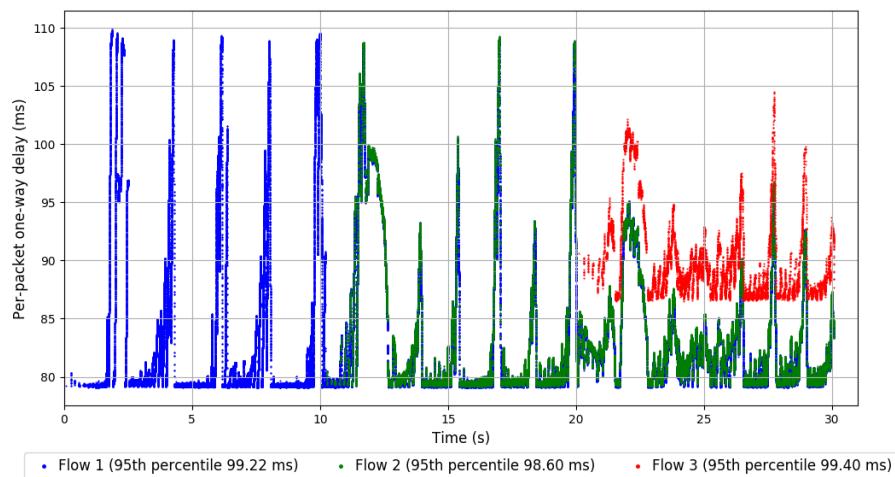
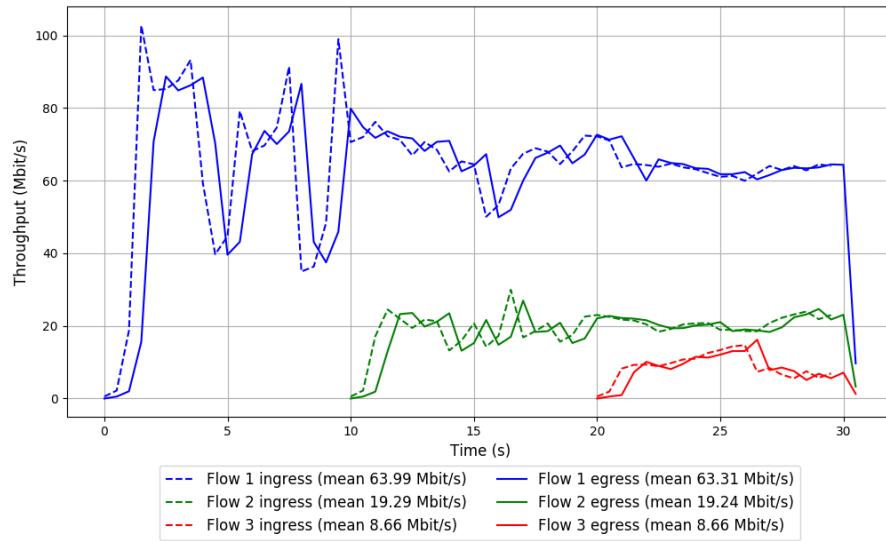


Run 8: Statistics of Copa

```
Start at: 2018-05-24 16:22:32
End at: 2018-05-24 16:23:02
Local clock offset: -2.195 ms
Remote clock offset: 1.664 ms

# Below is generated by plot.py at 2018-05-24 17:13:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 99.079 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 63.31 Mbit/s
95th percentile per-packet one-way delay: 99.220 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 19.24 Mbit/s
95th percentile per-packet one-way delay: 98.596 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 8.66 Mbit/s
95th percentile per-packet one-way delay: 99.397 ms
Loss rate: 0.09%
```

Run 8: Report of Copa — Data Link

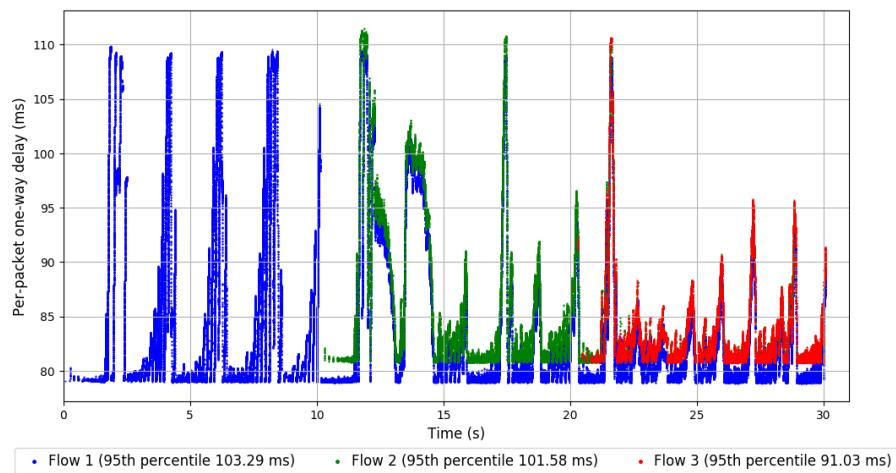
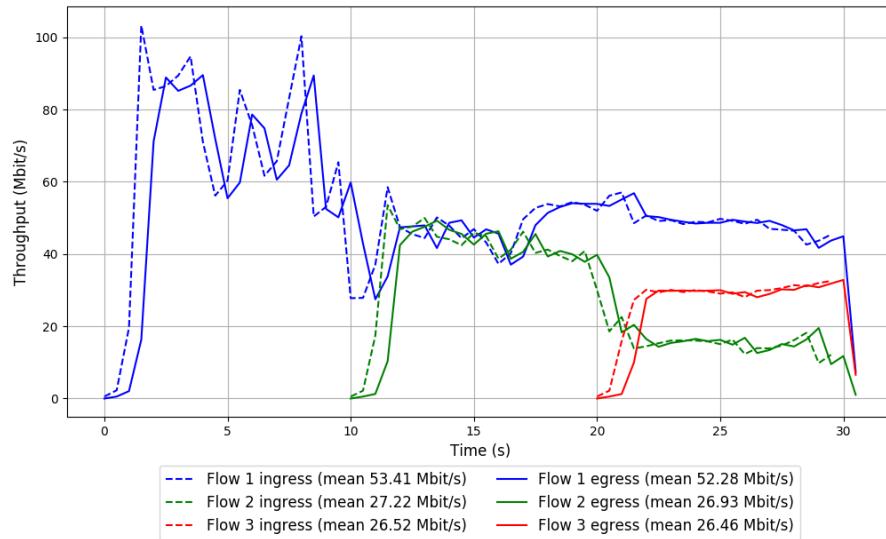


Run 9: Statistics of Copa

```
Start at: 2018-05-24 16:42:10
End at: 2018-05-24 16:42:40
Local clock offset: -2.204 ms
Remote clock offset: 1.732 ms

# Below is generated by plot.py at 2018-05-24 17:14:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 101.661 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 52.28 Mbit/s
95th percentile per-packet one-way delay: 103.286 ms
Loss rate: 2.08%
-- Flow 2:
Average throughput: 26.93 Mbit/s
95th percentile per-packet one-way delay: 101.578 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 26.46 Mbit/s
95th percentile per-packet one-way delay: 91.030 ms
Loss rate: 0.16%
```

Run 9: Report of Copa — Data Link

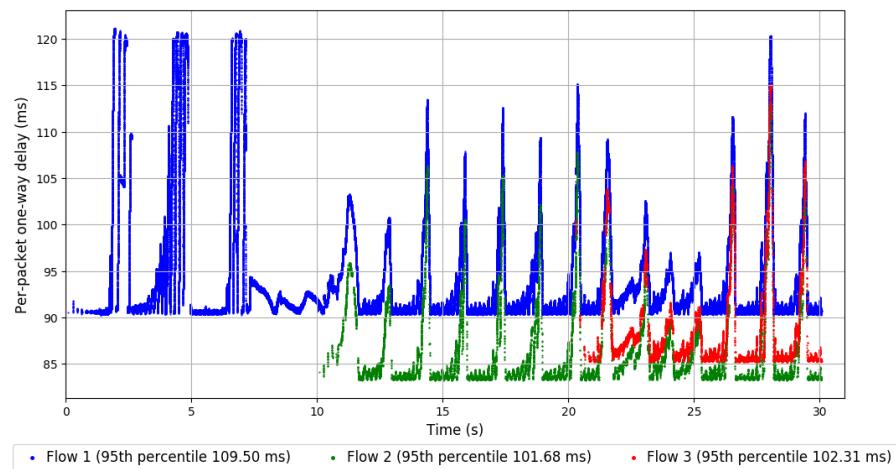
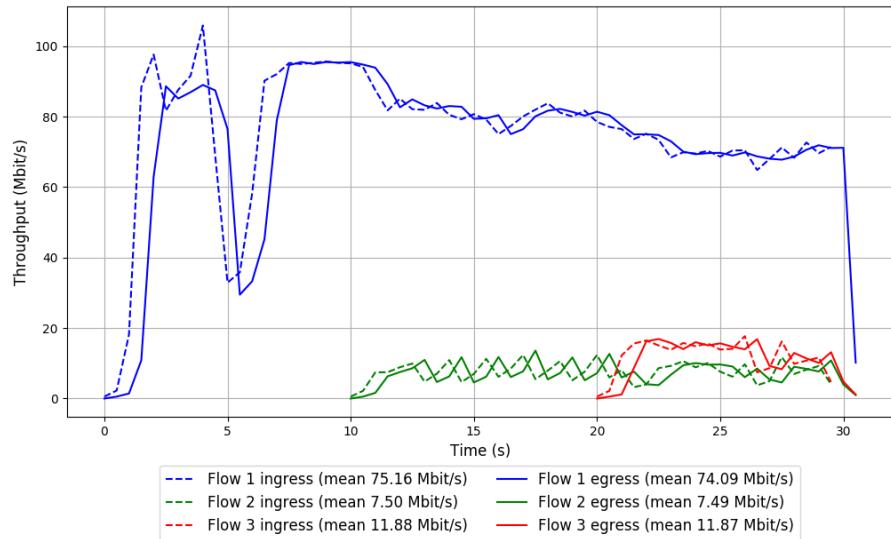


Run 10: Statistics of Copa

```
Start at: 2018-05-24 17:01:49
End at: 2018-05-24 17:02:19
Local clock offset: -2.198 ms
Remote clock offset: 7.453 ms

# Below is generated by plot.py at 2018-05-24 17:14:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.02 Mbit/s
95th percentile per-packet one-way delay: 108.777 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 74.09 Mbit/s
95th percentile per-packet one-way delay: 109.496 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 7.49 Mbit/s
95th percentile per-packet one-way delay: 101.677 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 11.87 Mbit/s
95th percentile per-packet one-way delay: 102.307 ms
Loss rate: 0.17%
```

Run 10: Report of Copa — Data Link

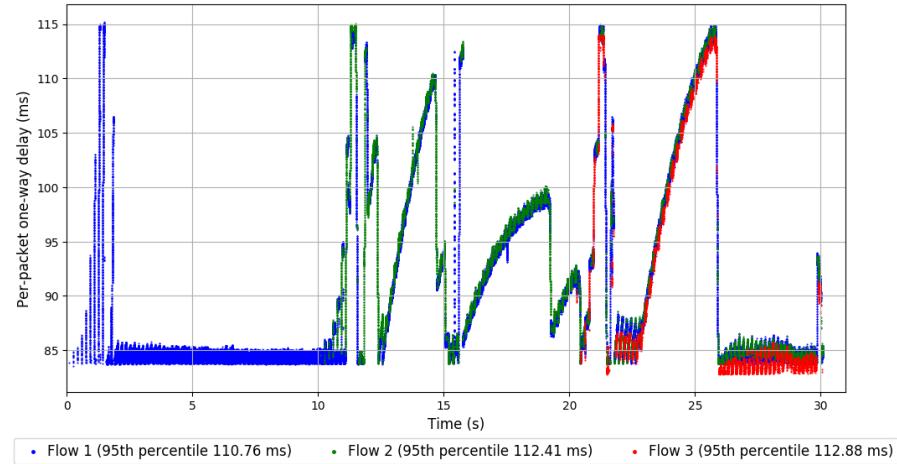
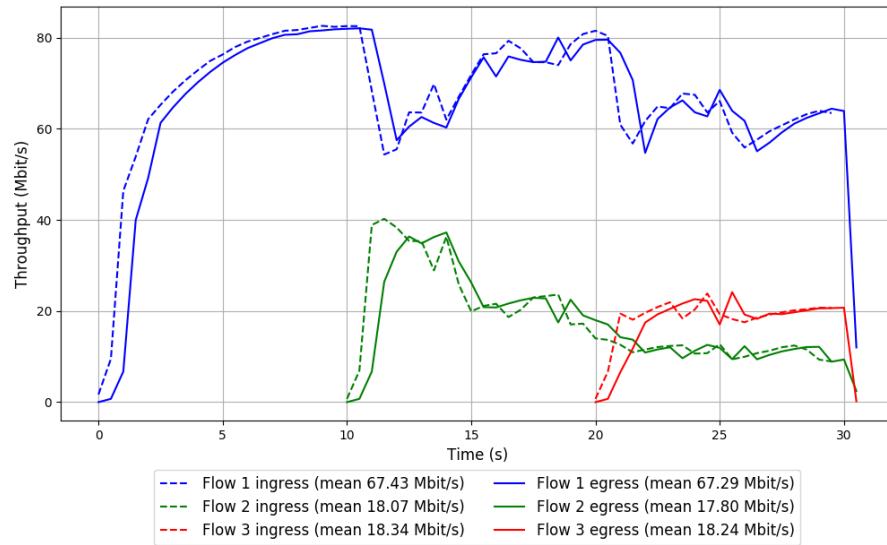


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-05-24 13:53:52
End at: 2018-05-24 13:54:22
Local clock offset: -2.67 ms
Remote clock offset: 7.519 ms

# Below is generated by plot.py at 2018-05-24 17:14:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 111.423 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 67.29 Mbit/s
95th percentile per-packet one-way delay: 110.764 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 17.80 Mbit/s
95th percentile per-packet one-way delay: 112.413 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 18.24 Mbit/s
95th percentile per-packet one-way delay: 112.877 ms
Loss rate: 0.63%
```

Run 1: Report of TCP Cubic — Data Link

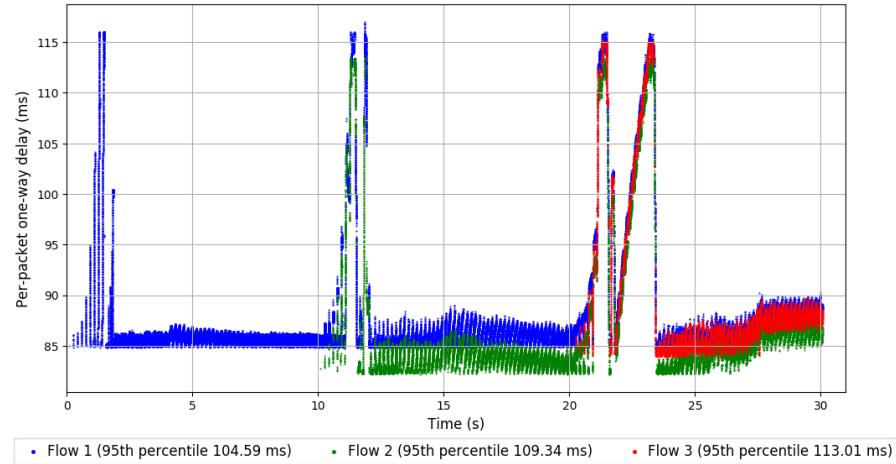
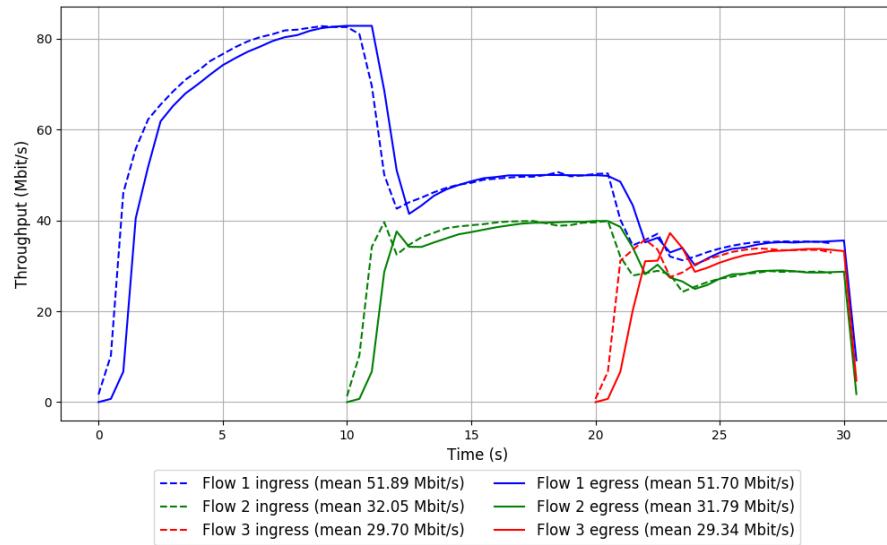


Run 2: Statistics of TCP Cubic

```
Start at: 2018-05-24 14:13:32
End at: 2018-05-24 14:14:02
Local clock offset: -1.462 ms
Remote clock offset: 7.59 ms

# Below is generated by plot.py at 2018-05-24 17:14:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.63 Mbit/s
95th percentile per-packet one-way delay: 108.575 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 51.70 Mbit/s
95th percentile per-packet one-way delay: 104.589 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 109.343 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 29.34 Mbit/s
95th percentile per-packet one-way delay: 113.014 ms
Loss rate: 1.18%
```

Run 2: Report of TCP Cubic — Data Link

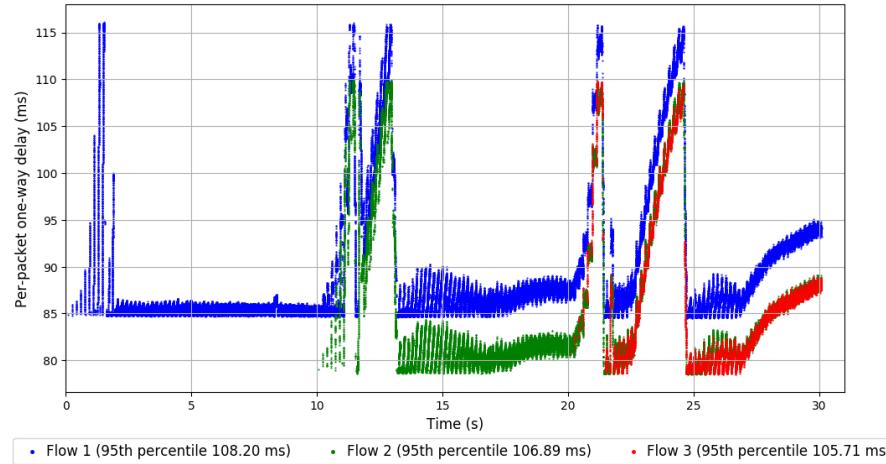
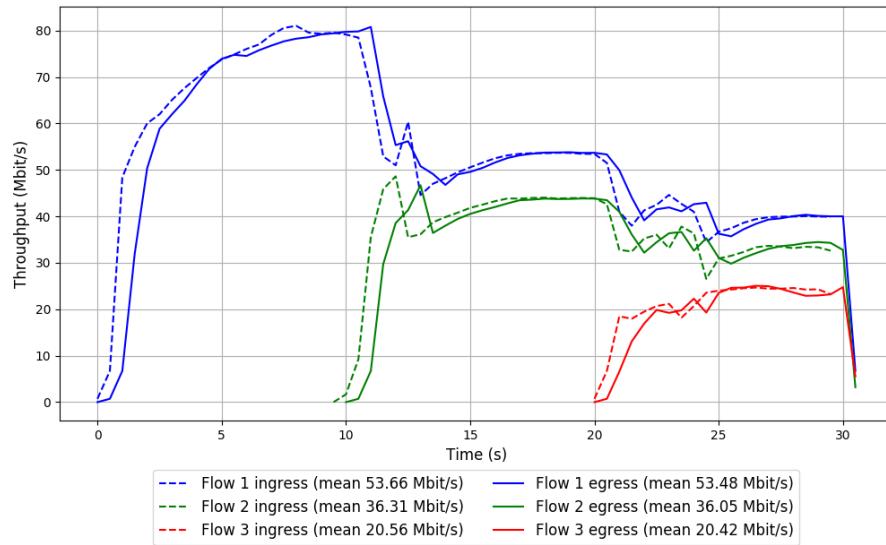


Run 3: Statistics of TCP Cubic

```
Start at: 2018-05-24 14:33:12
End at: 2018-05-24 14:33:42
Local clock offset: -1.932 ms
Remote clock offset: 14.014 ms

# Below is generated by plot.py at 2018-05-24 17:14:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.31 Mbit/s
95th percentile per-packet one-way delay: 107.386 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 53.48 Mbit/s
95th percentile per-packet one-way delay: 108.204 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 36.05 Mbit/s
95th percentile per-packet one-way delay: 106.895 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 20.42 Mbit/s
95th percentile per-packet one-way delay: 105.709 ms
Loss rate: 0.57%
```

Run 3: Report of TCP Cubic — Data Link

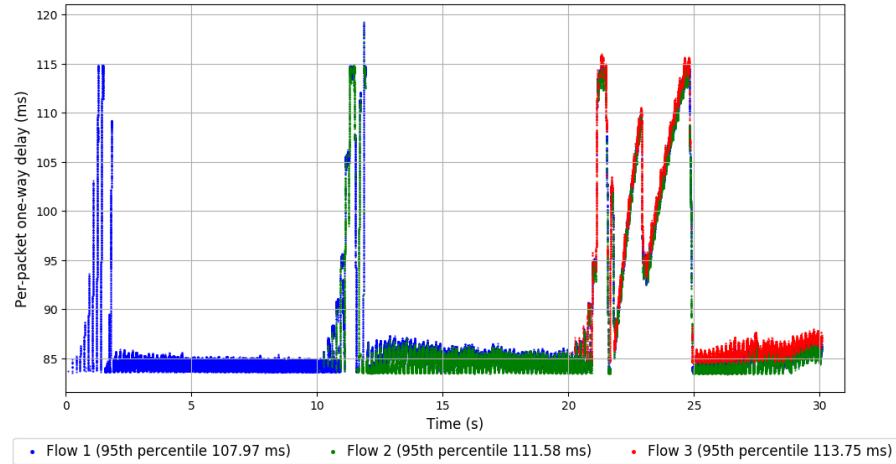
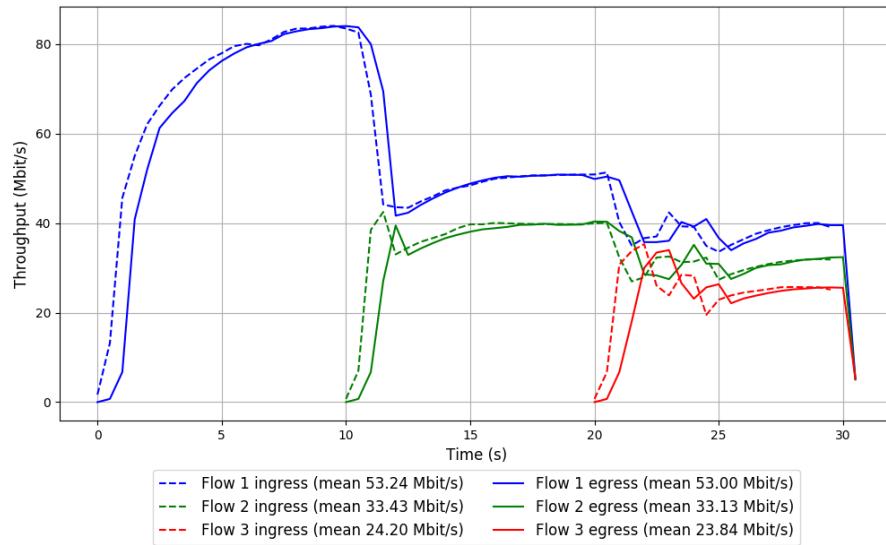


Run 4: Statistics of TCP Cubic

```
Start at: 2018-05-24 14:52:53
End at: 2018-05-24 14:53:23
Local clock offset: -1.871 ms
Remote clock offset: 25.2 ms

# Below is generated by plot.py at 2018-05-24 17:14:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.00 Mbit/s
95th percentile per-packet one-way delay: 110.116 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 53.00 Mbit/s
95th percentile per-packet one-way delay: 107.972 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 33.13 Mbit/s
95th percentile per-packet one-way delay: 111.579 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 113.746 ms
Loss rate: 1.47%
```

Run 4: Report of TCP Cubic — Data Link

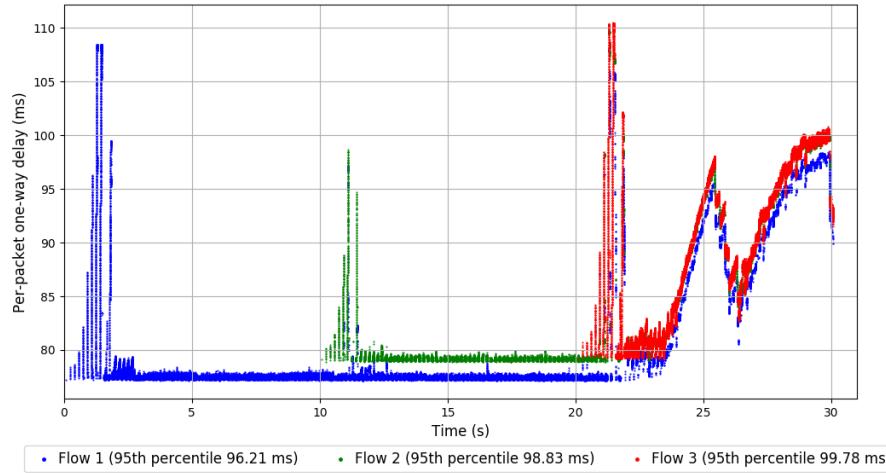
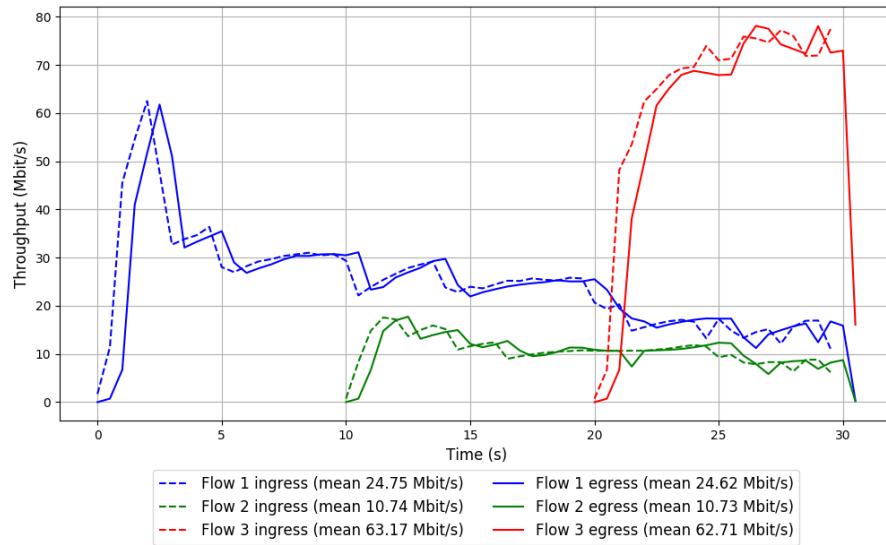


Run 5: Statistics of TCP Cubic

```
Start at: 2018-05-24 15:12:33
End at: 2018-05-24 15:13:03
Local clock offset: -1.2 ms
Remote clock offset: 24.377 ms

# Below is generated by plot.py at 2018-05-24 17:14:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.62 Mbit/s
95th percentile per-packet one-way delay: 99.487 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 96.214 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 10.73 Mbit/s
95th percentile per-packet one-way delay: 98.829 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 62.71 Mbit/s
95th percentile per-packet one-way delay: 99.783 ms
Loss rate: 0.59%
```

Run 5: Report of TCP Cubic — Data Link

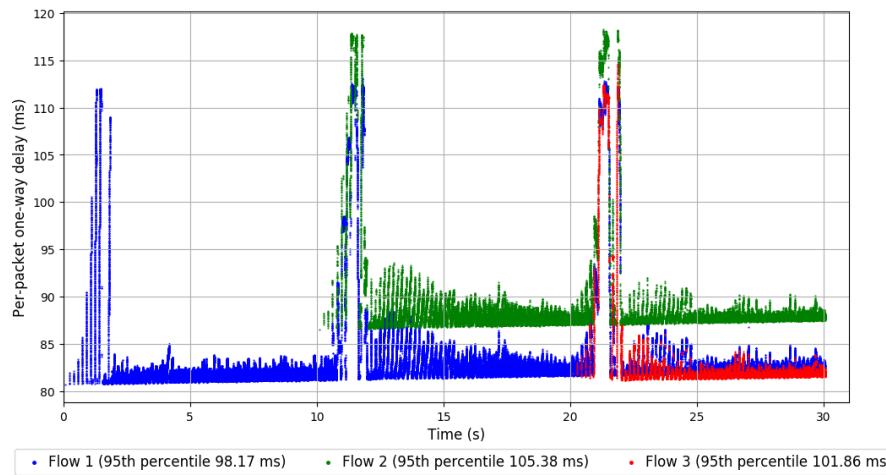
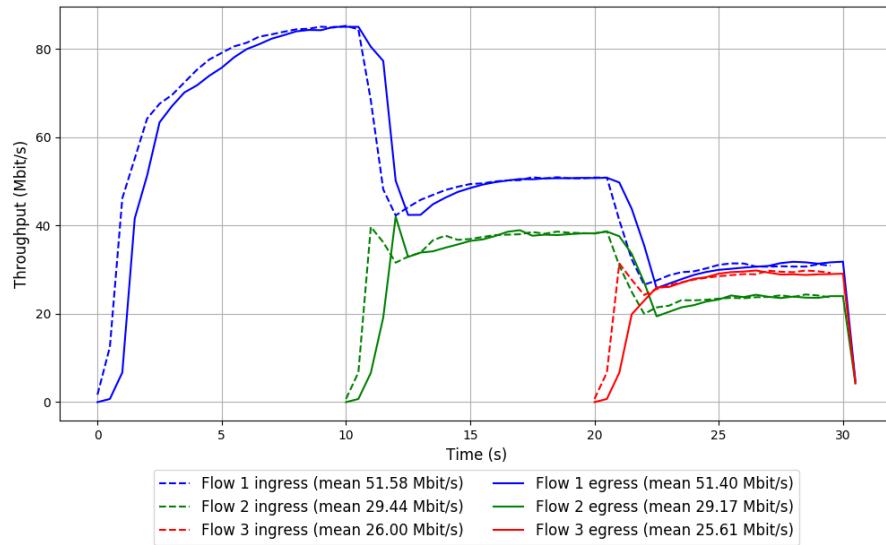


Run 6: Statistics of TCP Cubic

```
Start at: 2018-05-24 15:32:14
End at: 2018-05-24 15:32:44
Local clock offset: -1.387 ms
Remote clock offset: 27.358 ms

# Below is generated by plot.py at 2018-05-24 17:14:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.33 Mbit/s
95th percentile per-packet one-way delay: 100.176 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 51.40 Mbit/s
95th percentile per-packet one-way delay: 98.170 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 29.17 Mbit/s
95th percentile per-packet one-way delay: 105.375 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 25.61 Mbit/s
95th percentile per-packet one-way delay: 101.859 ms
Loss rate: 1.50%
```

Run 6: Report of TCP Cubic — Data Link

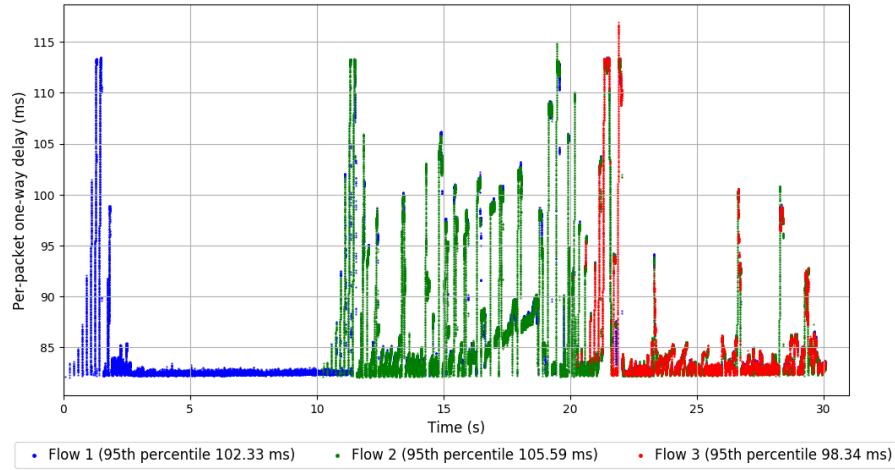
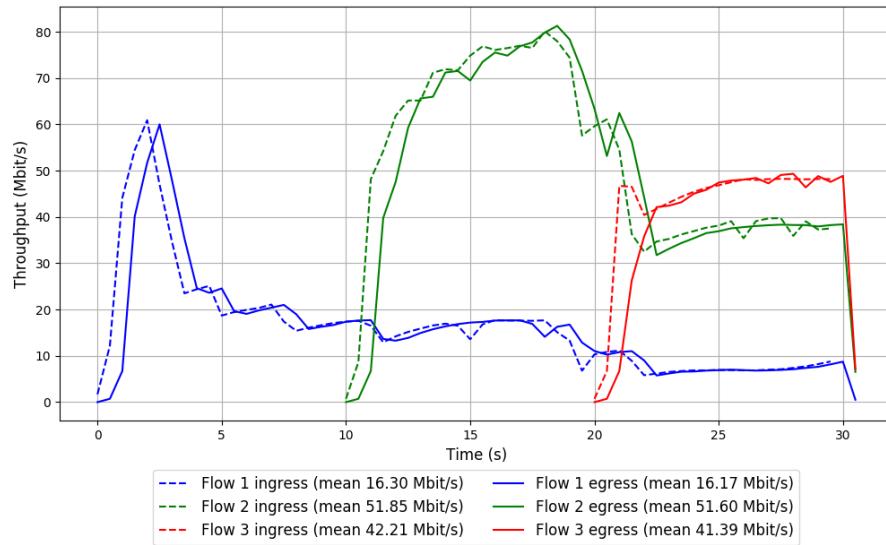


Run 7: Statistics of TCP Cubic

```
Start at: 2018-05-24 15:51:55
End at: 2018-05-24 15:52:25
Local clock offset: -2.441 ms
Remote clock offset: 4.939 ms

# Below is generated by plot.py at 2018-05-24 17:14:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.29 Mbit/s
95th percentile per-packet one-way delay: 104.033 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 16.17 Mbit/s
95th percentile per-packet one-way delay: 102.331 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 51.60 Mbit/s
95th percentile per-packet one-way delay: 105.591 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 41.39 Mbit/s
95th percentile per-packet one-way delay: 98.339 ms
Loss rate: 2.03%
```

Run 7: Report of TCP Cubic — Data Link

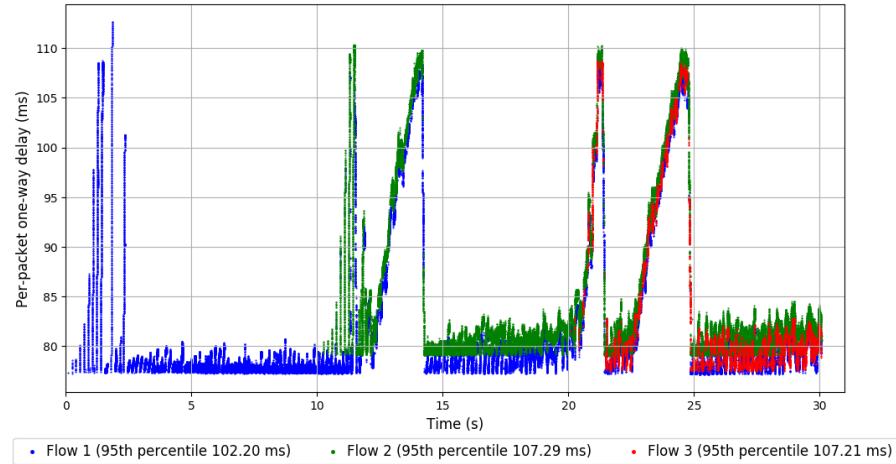
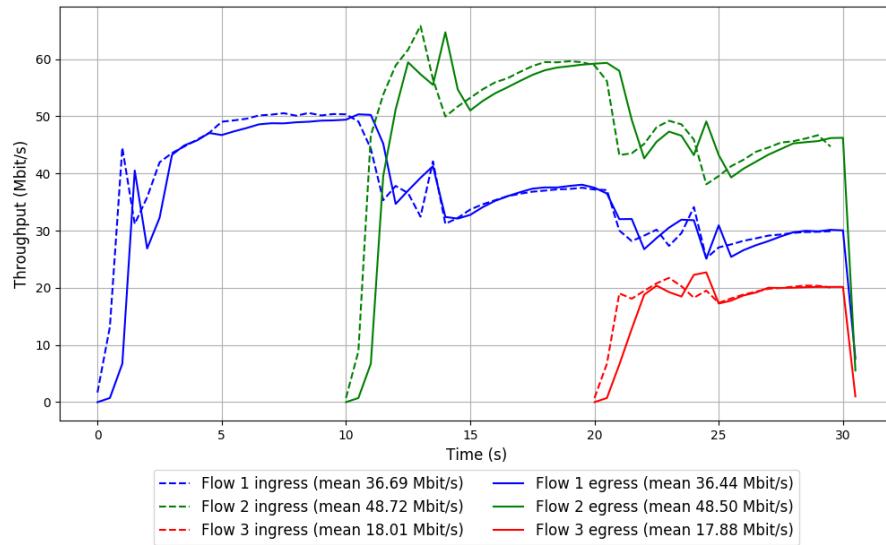


Run 8: Statistics of TCP Cubic

```
Start at: 2018-05-24 16:11:34
End at: 2018-05-24 16:12:04
Local clock offset: -1.467 ms
Remote clock offset: -1.146 ms

# Below is generated by plot.py at 2018-05-24 17:14:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.69 Mbit/s
95th percentile per-packet one-way delay: 105.426 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 36.44 Mbit/s
95th percentile per-packet one-way delay: 102.202 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 48.50 Mbit/s
95th percentile per-packet one-way delay: 107.289 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 17.88 Mbit/s
95th percentile per-packet one-way delay: 107.206 ms
Loss rate: 0.74%
```

Run 8: Report of TCP Cubic — Data Link

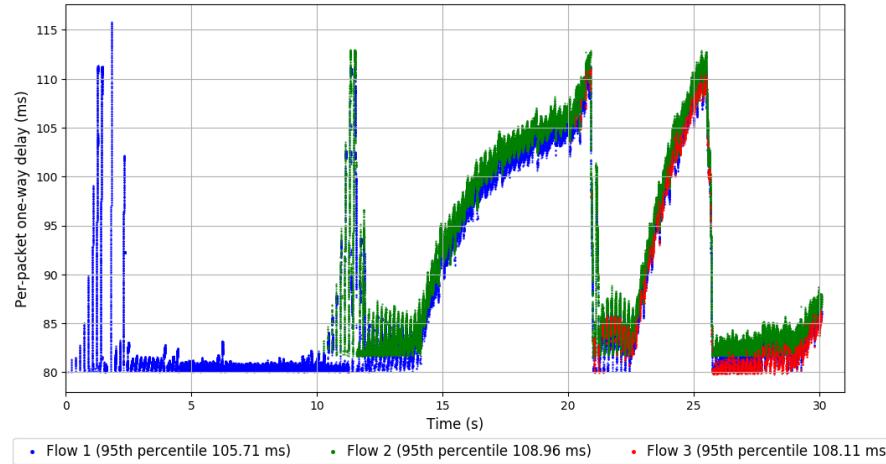
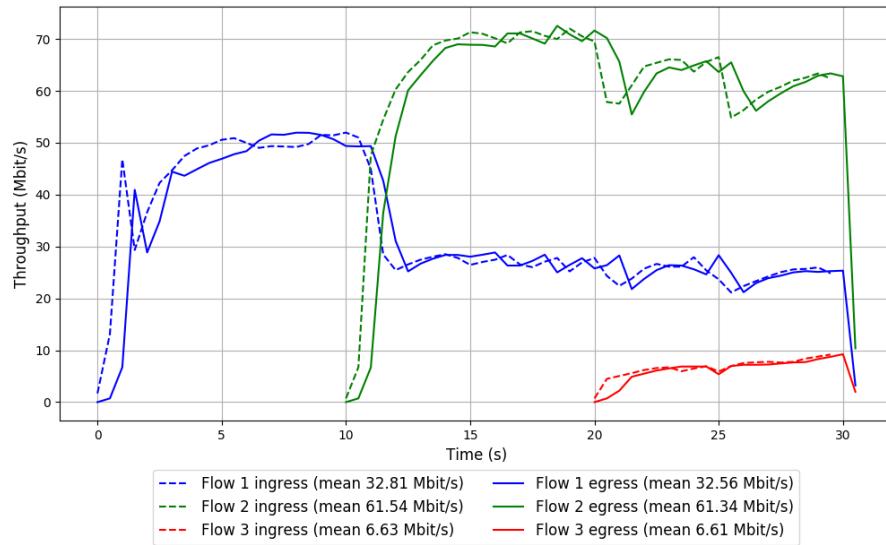


Run 9: Statistics of TCP Cubic

```
Start at: 2018-05-24 16:31:16
End at: 2018-05-24 16:31:46
Local clock offset: -3.041 ms
Remote clock offset: 1.507 ms

# Below is generated by plot.py at 2018-05-24 17:14:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.62 Mbit/s
95th percentile per-packet one-way delay: 108.095 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 32.56 Mbit/s
95th percentile per-packet one-way delay: 105.707 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 61.34 Mbit/s
95th percentile per-packet one-way delay: 108.963 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 6.61 Mbit/s
95th percentile per-packet one-way delay: 108.115 ms
Loss rate: 0.51%
```

Run 9: Report of TCP Cubic — Data Link

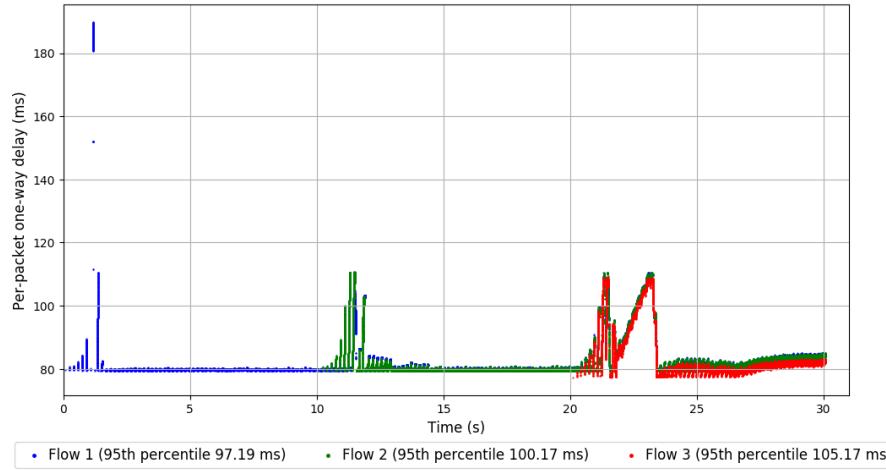
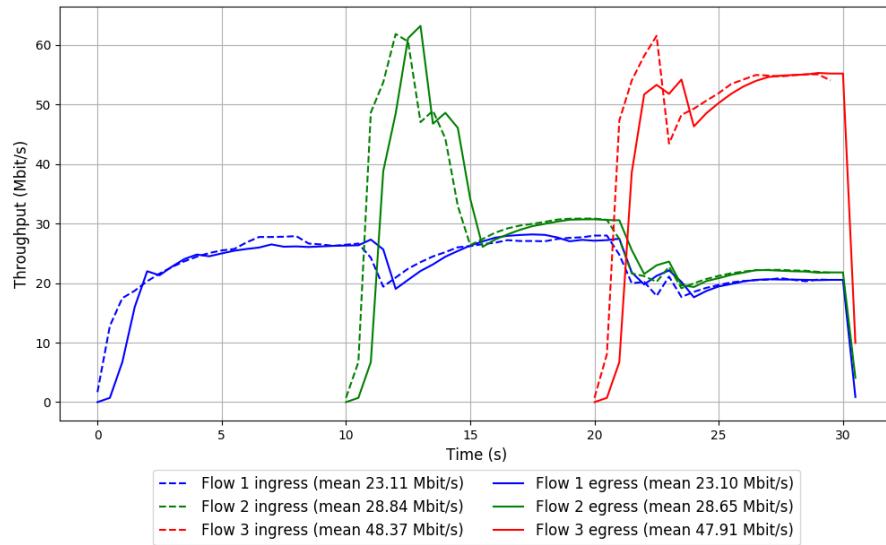


Run 10: Statistics of TCP Cubic

```
Start at: 2018-05-24 16:50:55
End at: 2018-05-24 16:51:25
Local clock offset: -1.407 ms
Remote clock offset: 2.516 ms

# Below is generated by plot.py at 2018-05-24 17:14:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.12 Mbit/s
95th percentile per-packet one-way delay: 101.551 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 23.10 Mbit/s
95th percentile per-packet one-way delay: 97.186 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 28.65 Mbit/s
95th percentile per-packet one-way delay: 100.169 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 47.91 Mbit/s
95th percentile per-packet one-way delay: 105.171 ms
Loss rate: 0.90%
```

Run 10: Report of TCP Cubic — Data Link

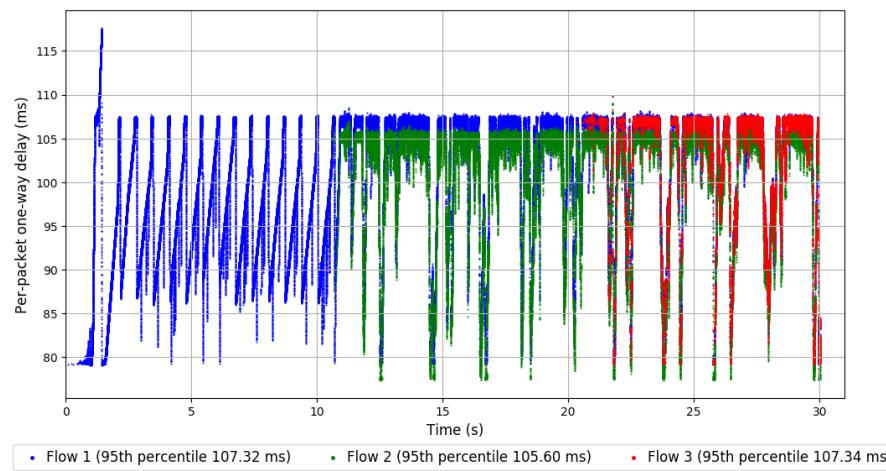
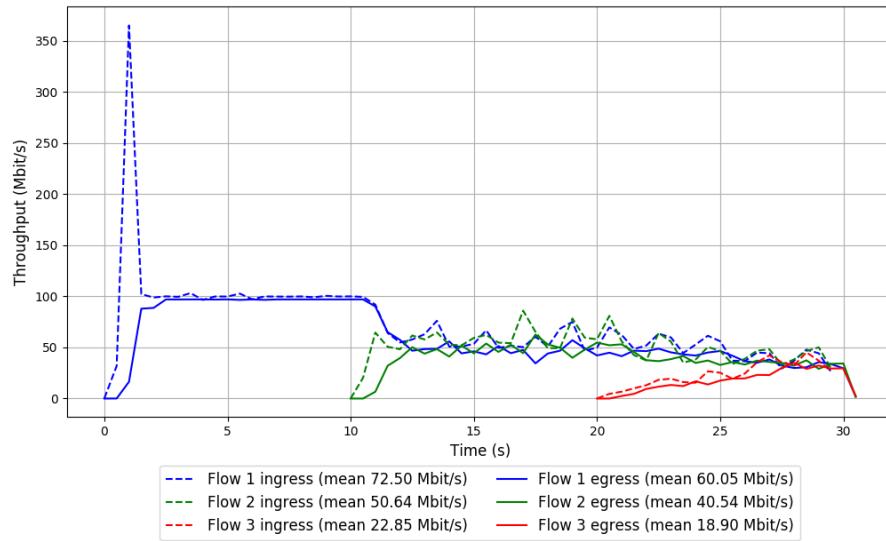


```
Run 1: Statistics of FillP

Start at: 2018-05-24 14:07:16
End at: 2018-05-24 14:07:46
Local clock offset: -1.496 ms
Remote clock offset: 3.103 ms

# Below is generated by plot.py at 2018-05-24 17:15:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 107.264 ms
Loss rate: 18.02%
-- Flow 1:
Average throughput: 60.05 Mbit/s
95th percentile per-packet one-way delay: 107.322 ms
Loss rate: 17.17%
-- Flow 2:
Average throughput: 40.54 Mbit/s
95th percentile per-packet one-way delay: 105.596 ms
Loss rate: 19.97%
-- Flow 3:
Average throughput: 18.90 Mbit/s
95th percentile per-packet one-way delay: 107.337 ms
Loss rate: 17.50%
```

Run 1: Report of FillP — Data Link

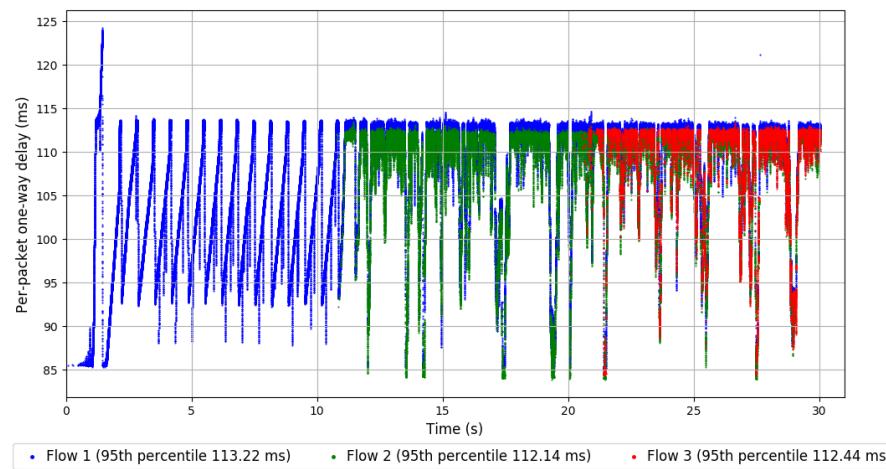
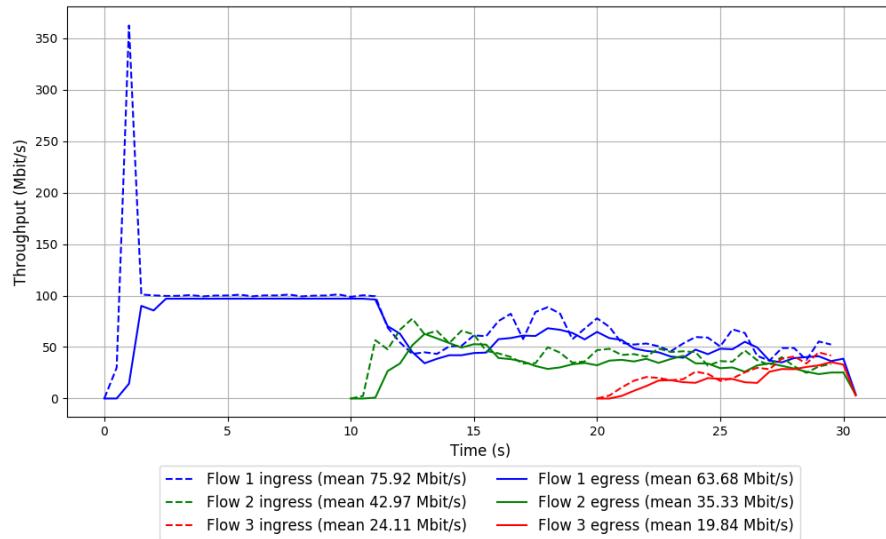


Run 2: Statistics of FillP

```
Start at: 2018-05-24 14:26:56
End at: 2018-05-24 14:27:26
Local clock offset: -1.252 ms
Remote clock offset: 13.069 ms

# Below is generated by plot.py at 2018-05-24 17:16:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.54 Mbit/s
95th percentile per-packet one-way delay: 113.126 ms
Loss rate: 16.79%
-- Flow 1:
Average throughput: 63.68 Mbit/s
95th percentile per-packet one-way delay: 113.217 ms
Loss rate: 16.04%
-- Flow 2:
Average throughput: 35.33 Mbit/s
95th percentile per-packet one-way delay: 112.138 ms
Loss rate: 18.54%
-- Flow 3:
Average throughput: 19.84 Mbit/s
95th percentile per-packet one-way delay: 112.445 ms
Loss rate: 17.57%
```

Run 2: Report of FillP — Data Link

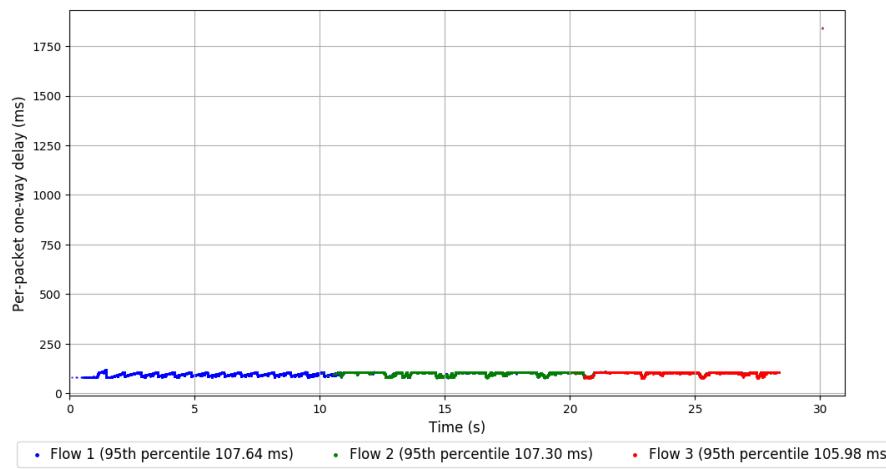
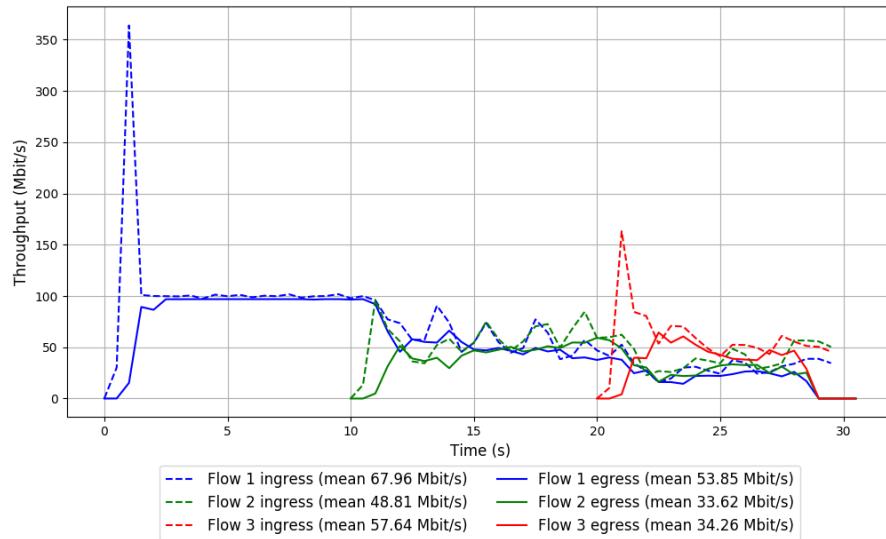


Run 3: Statistics of FillP

```
Start at: 2018-05-24 14:46:36
End at: 2018-05-24 14:47:06
Local clock offset: -1.832 ms
Remote clock offset: 18.873 ms

# Below is generated by plot.py at 2018-05-24 17:16:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.61 Mbit/s
95th percentile per-packet one-way delay: 107.537 ms
Loss rate: 26.53%
-- Flow 1:
Average throughput: 53.85 Mbit/s
95th percentile per-packet one-way delay: 107.636 ms
Loss rate: 20.56%
-- Flow 2:
Average throughput: 33.62 Mbit/s
95th percentile per-packet one-way delay: 107.299 ms
Loss rate: 30.94%
-- Flow 3:
Average throughput: 34.26 Mbit/s
95th percentile per-packet one-way delay: 105.985 ms
Loss rate: 40.27%
```

Run 3: Report of FillP — Data Link

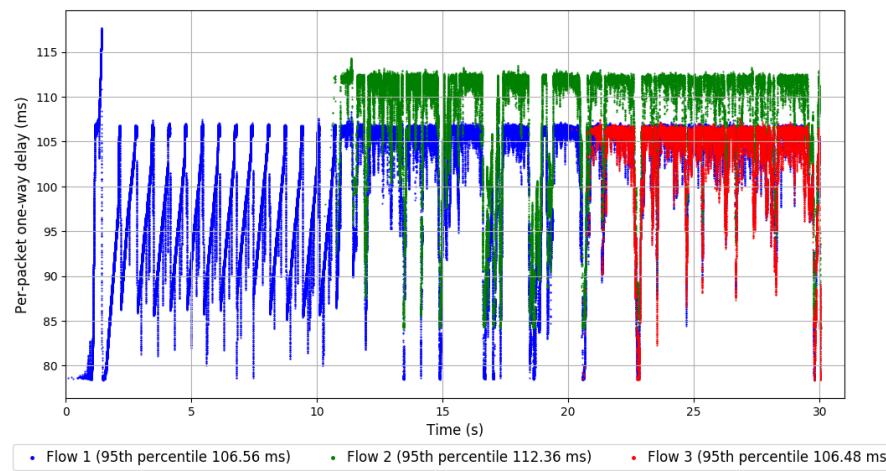
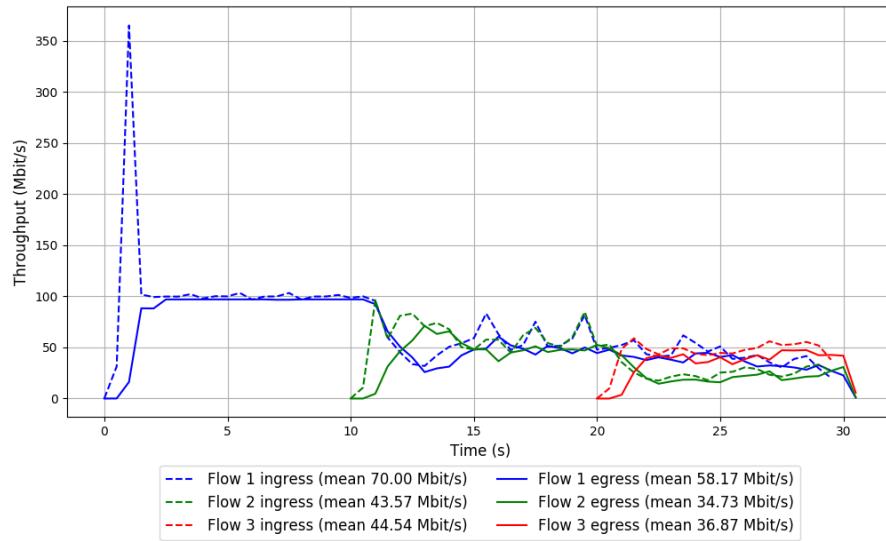


Run 4: Statistics of FillP

```
Start at: 2018-05-24 15:06:17
End at: 2018-05-24 15:06:47
Local clock offset: -1.195 ms
Remote clock offset: 24.118 ms

# Below is generated by plot.py at 2018-05-24 17:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.47 Mbit/s
95th percentile per-packet one-way delay: 112.111 ms
Loss rate: 17.84%
-- Flow 1:
Average throughput: 58.17 Mbit/s
95th percentile per-packet one-way delay: 106.556 ms
Loss rate: 16.89%
-- Flow 2:
Average throughput: 34.73 Mbit/s
95th percentile per-packet one-way delay: 112.363 ms
Loss rate: 20.32%
-- Flow 3:
Average throughput: 36.87 Mbit/s
95th percentile per-packet one-way delay: 106.481 ms
Loss rate: 17.46%
```

Run 4: Report of FillP — Data Link

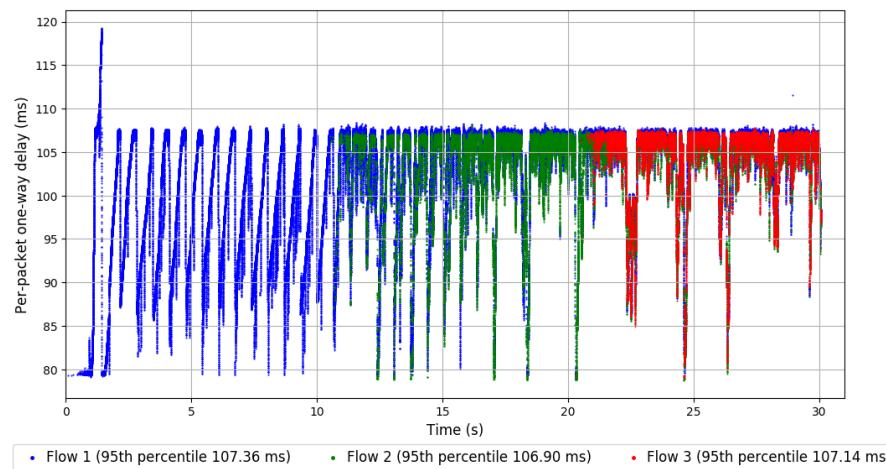
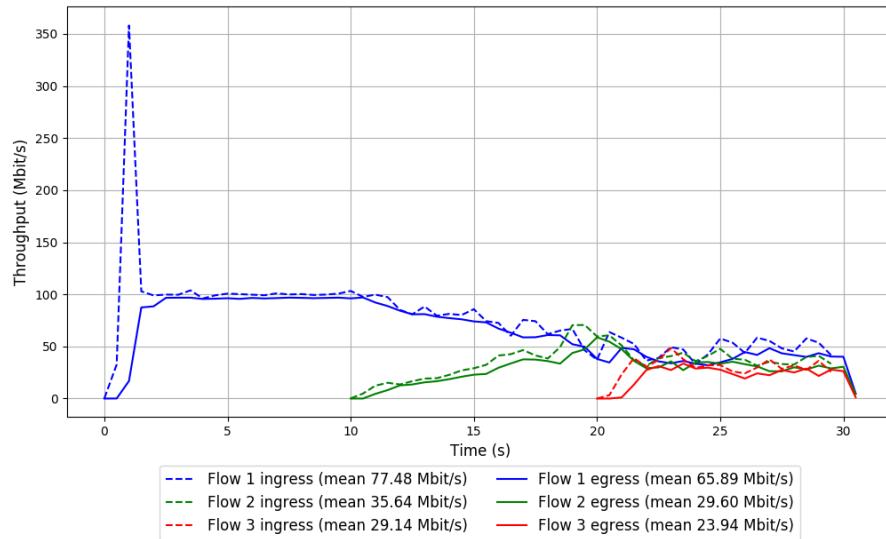


Run 5: Statistics of FillP

```
Start at: 2018-05-24 15:25:58
End at: 2018-05-24 15:26:28
Local clock offset: -1.932 ms
Remote clock offset: 27.681 ms

# Below is generated by plot.py at 2018-05-24 17:16:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.40 Mbit/s
95th percentile per-packet one-way delay: 107.297 ms
Loss rate: 15.72%
-- Flow 1:
Average throughput: 65.89 Mbit/s
95th percentile per-packet one-way delay: 107.356 ms
Loss rate: 14.90%
-- Flow 2:
Average throughput: 29.60 Mbit/s
95th percentile per-packet one-way delay: 106.899 ms
Loss rate: 16.91%
-- Flow 3:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 107.143 ms
Loss rate: 19.33%
```

Run 5: Report of FillP — Data Link

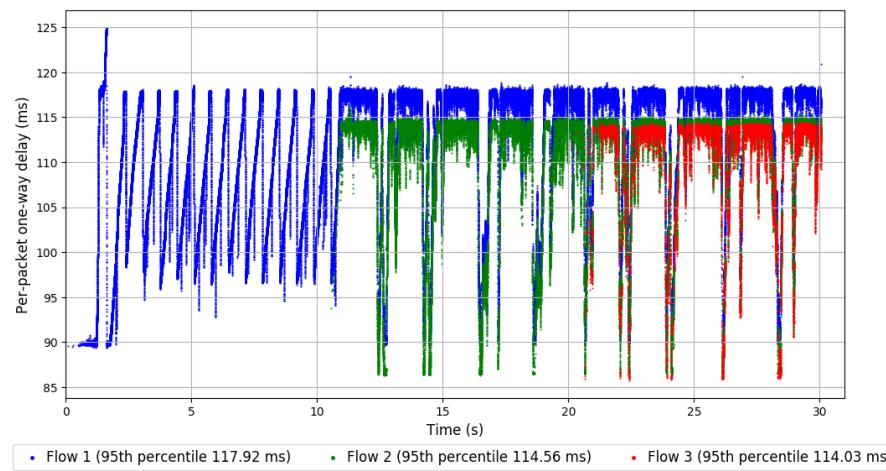
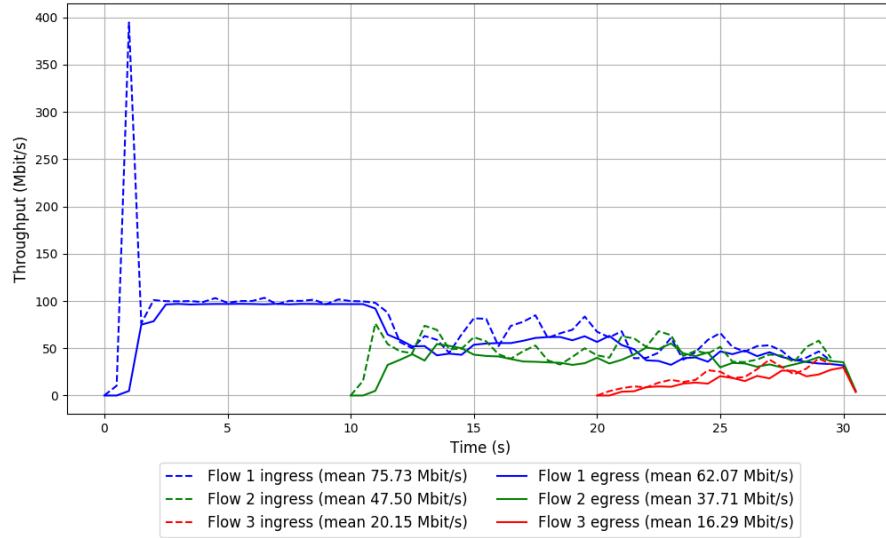


Run 6: Statistics of FillP

```
Start at: 2018-05-24 15:45:39
End at: 2018-05-24 15:46:09
Local clock offset: -2.386 ms
Remote clock offset: 10.727 ms

# Below is generated by plot.py at 2018-05-24 17:16:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.58 Mbit/s
95th percentile per-packet one-way delay: 117.847 ms
Loss rate: 18.75%
-- Flow 1:
Average throughput: 62.07 Mbit/s
95th percentile per-packet one-way delay: 117.925 ms
Loss rate: 17.96%
-- Flow 2:
Average throughput: 37.71 Mbit/s
95th percentile per-packet one-way delay: 114.557 ms
Loss rate: 20.56%
-- Flow 3:
Average throughput: 16.29 Mbit/s
95th percentile per-packet one-way delay: 114.029 ms
Loss rate: 19.14%
```

Run 6: Report of FillP — Data Link

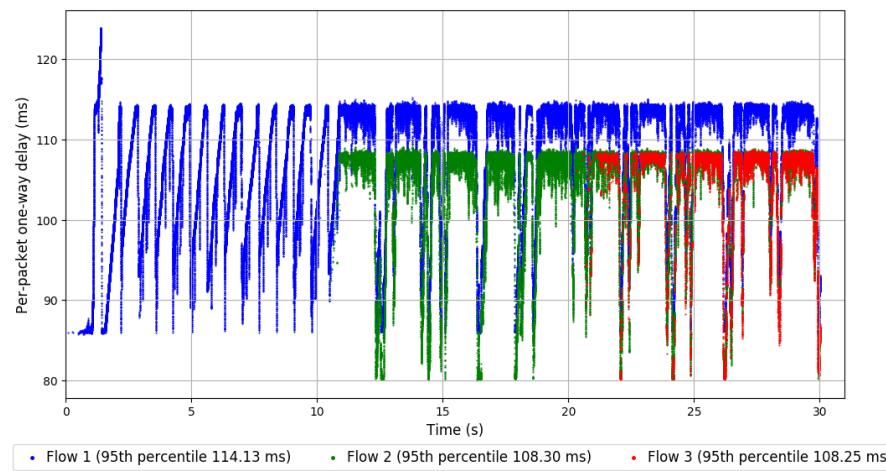
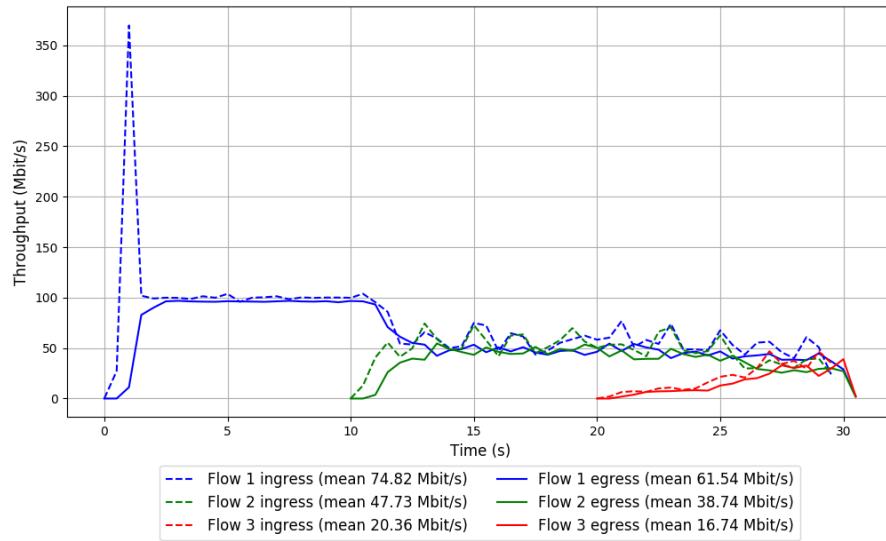


Run 7: Statistics of FillP

```
Start at: 2018-05-24 16:05:18
End at: 2018-05-24 16:05:48
Local clock offset: -2.341 ms
Remote clock offset: -4.054 ms

# Below is generated by plot.py at 2018-05-24 17:16:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 114.061 ms
Loss rate: 18.07%
-- Flow 1:
Average throughput: 61.54 Mbit/s
95th percentile per-packet one-way delay: 114.133 ms
Loss rate: 17.73%
-- Flow 2:
Average throughput: 38.74 Mbit/s
95th percentile per-packet one-way delay: 108.301 ms
Loss rate: 18.89%
-- Flow 3:
Average throughput: 16.74 Mbit/s
95th percentile per-packet one-way delay: 108.246 ms
Loss rate: 17.90%
```

Run 7: Report of FillP — Data Link

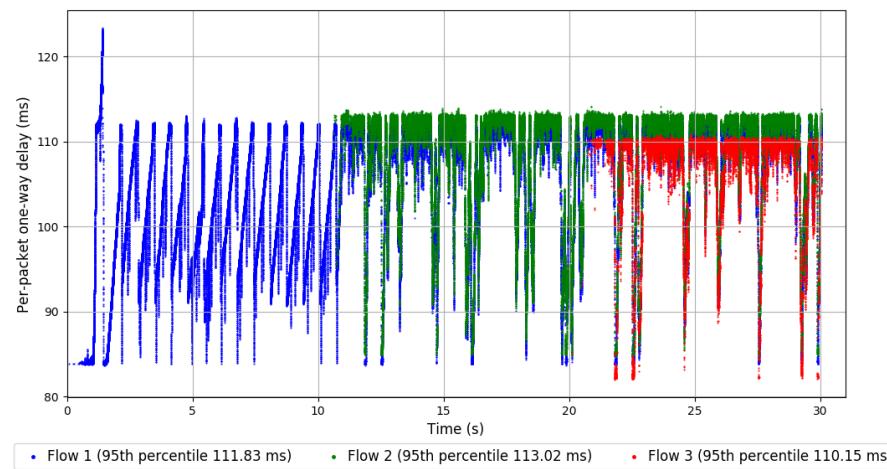
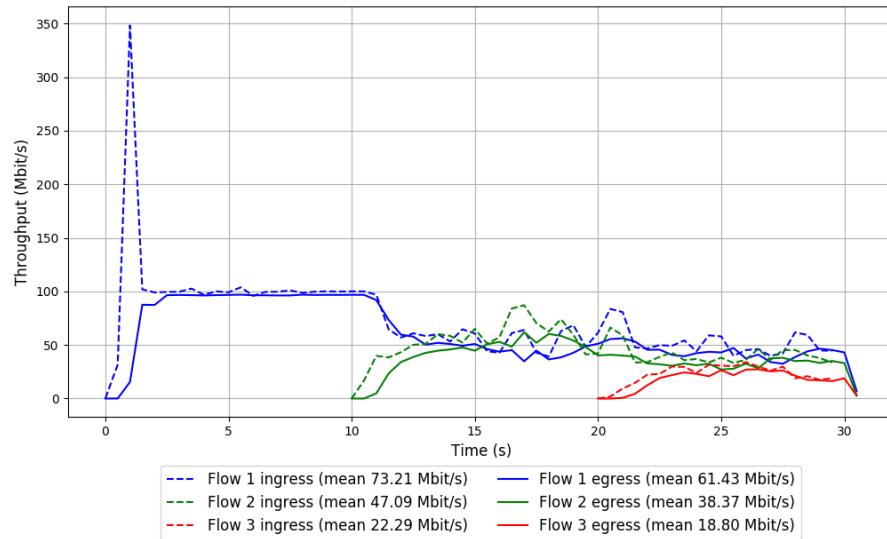


Run 8: Statistics of FillP

```
Start at: 2018-05-24 16:25:00
End at: 2018-05-24 16:25:30
Local clock offset: -2.175 ms
Remote clock offset: 4.638 ms

# Below is generated by plot.py at 2018-05-24 17:16:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.22 Mbit/s
95th percentile per-packet one-way delay: 112.797 ms
Loss rate: 16.66%
-- Flow 1:
Average throughput: 61.43 Mbit/s
95th percentile per-packet one-way delay: 111.831 ms
Loss rate: 16.02%
-- Flow 2:
Average throughput: 38.37 Mbit/s
95th percentile per-packet one-way delay: 113.023 ms
Loss rate: 18.45%
-- Flow 3:
Average throughput: 18.80 Mbit/s
95th percentile per-packet one-way delay: 110.149 ms
Loss rate: 15.42%
```

Run 8: Report of FillP — Data Link

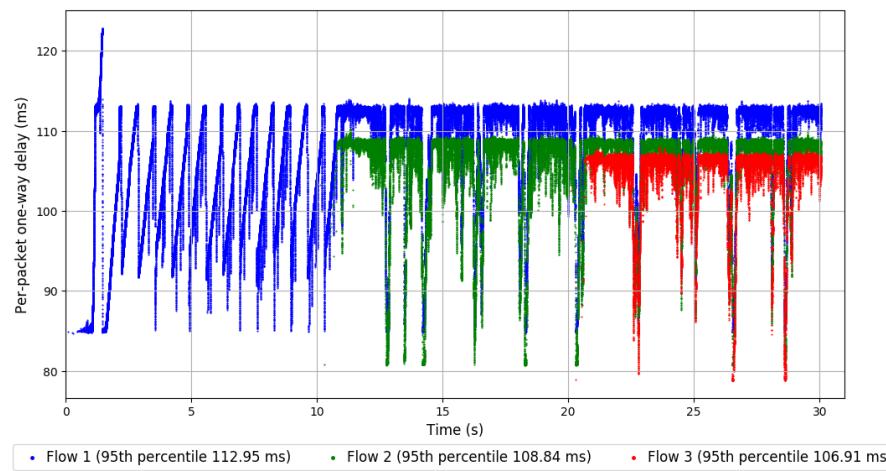
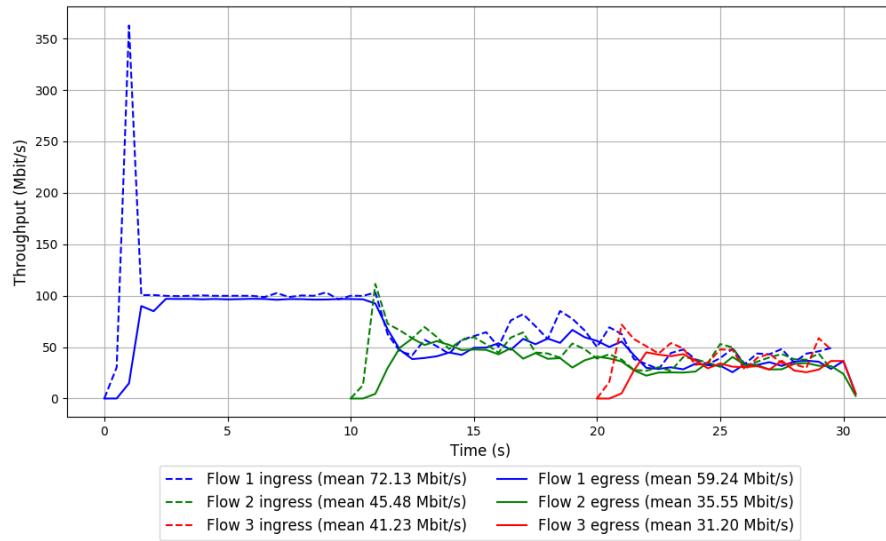


Run 9: Statistics of FillP

```
Start at: 2018-05-24 16:44:38
End at: 2018-05-24 16:45:08
Local clock offset: -2.955 ms
Remote clock offset: 1.535 ms

# Below is generated by plot.py at 2018-05-24 17:17:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.26 Mbit/s
95th percentile per-packet one-way delay: 112.848 ms
Loss rate: 19.61%
-- Flow 1:
Average throughput: 59.24 Mbit/s
95th percentile per-packet one-way delay: 112.946 ms
Loss rate: 17.80%
-- Flow 2:
Average throughput: 35.55 Mbit/s
95th percentile per-packet one-way delay: 108.836 ms
Loss rate: 21.81%
-- Flow 3:
Average throughput: 31.20 Mbit/s
95th percentile per-packet one-way delay: 106.910 ms
Loss rate: 24.28%
```

Run 9: Report of FillP — Data Link

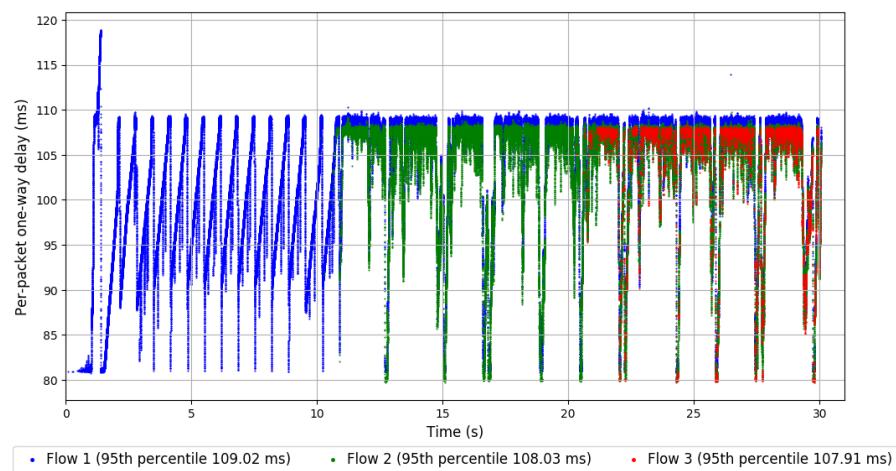
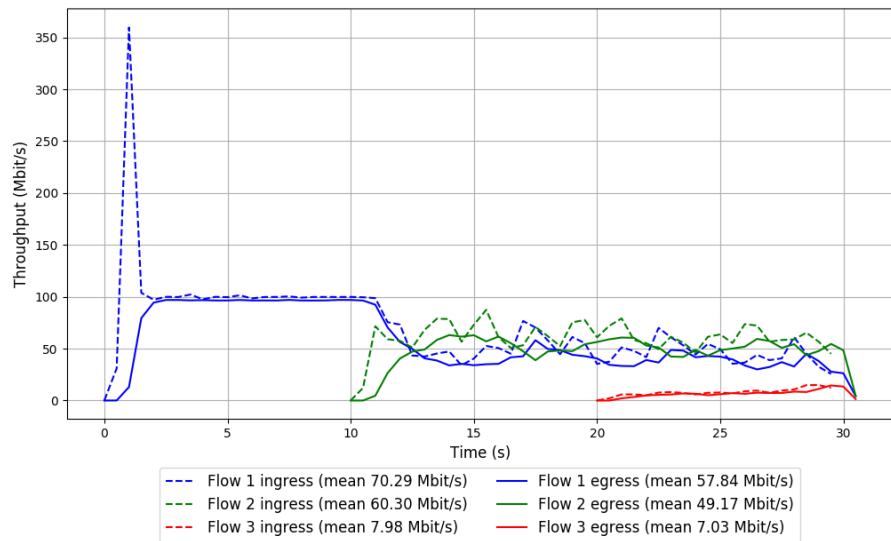


Run 10: Statistics of FillP

```
Start at: 2018-05-24 17:04:17
End at: 2018-05-24 17:04:47
Local clock offset: -2.108 ms
Remote clock offset: 2.77 ms

# Below is generated by plot.py at 2018-05-24 17:17:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.87 Mbit/s
95th percentile per-packet one-way delay: 108.936 ms
Loss rate: 17.79%
-- Flow 1:
Average throughput: 57.84 Mbit/s
95th percentile per-packet one-way delay: 109.018 ms
Loss rate: 17.64%
-- Flow 2:
Average throughput: 49.17 Mbit/s
95th percentile per-packet one-way delay: 108.026 ms
Loss rate: 18.46%
-- Flow 3:
Average throughput: 7.03 Mbit/s
95th percentile per-packet one-way delay: 107.907 ms
Loss rate: 11.88%
```

Run 10: Report of FillP — Data Link

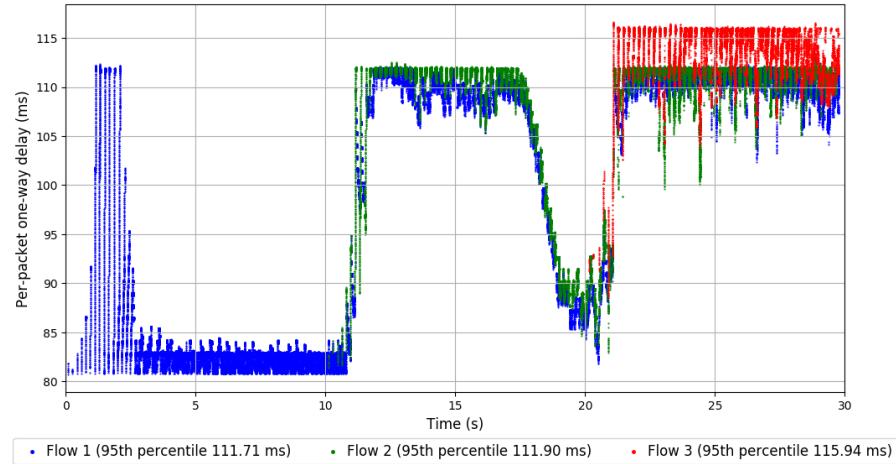
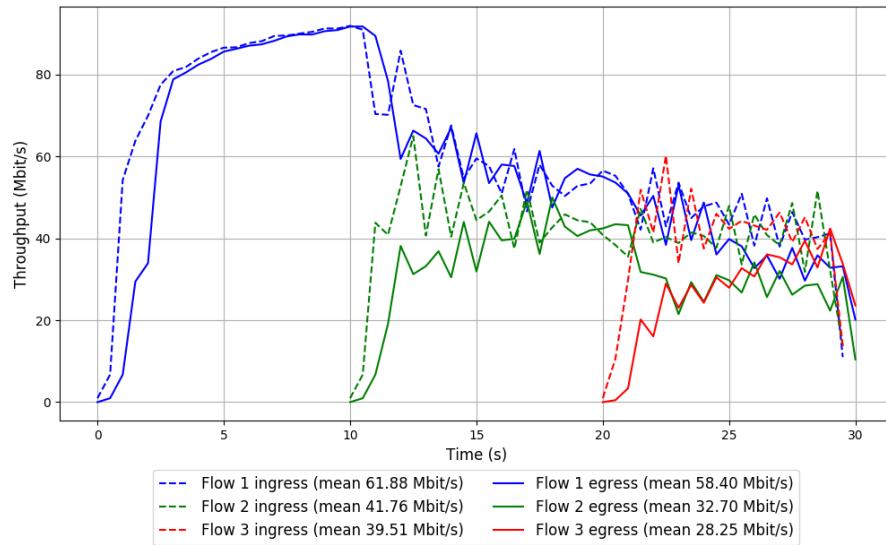


Run 1: Statistics of Indigo

```
Start at: 2018-05-24 14:08:32
End at: 2018-05-24 14:09:02
Local clock offset: -2.24 ms
Remote clock offset: 3.877 ms

# Below is generated by plot.py at 2018-05-24 17:17:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.11 Mbit/s
95th percentile per-packet one-way delay: 113.943 ms
Loss rate: 12.69%
-- Flow 1:
Average throughput: 58.40 Mbit/s
95th percentile per-packet one-way delay: 111.706 ms
Loss rate: 5.51%
-- Flow 2:
Average throughput: 32.70 Mbit/s
95th percentile per-packet one-way delay: 111.902 ms
Loss rate: 21.57%
-- Flow 3:
Average throughput: 28.25 Mbit/s
95th percentile per-packet one-way delay: 115.940 ms
Loss rate: 28.33%
```

Run 1: Report of Indigo — Data Link

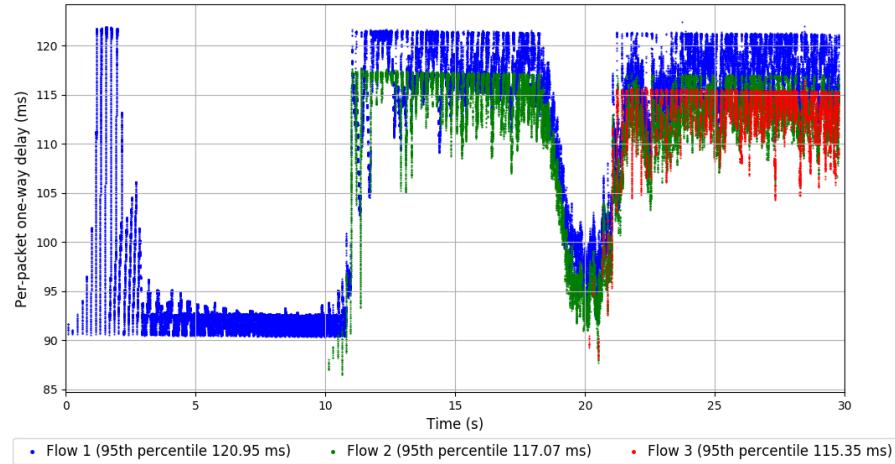
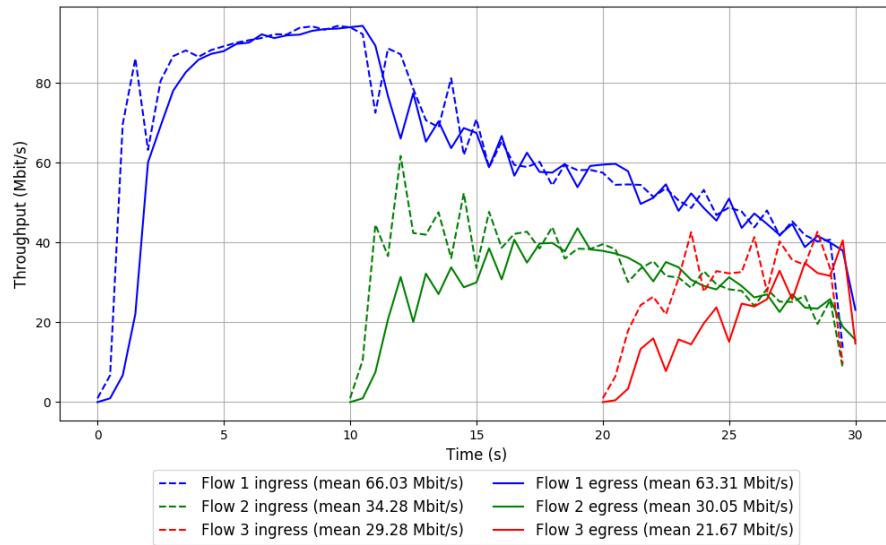


Run 2: Statistics of Indigo

```
Start at: 2018-05-24 14:28:12
End at: 2018-05-24 14:28:42
Local clock offset: -2.778 ms
Remote clock offset: 14.711 ms

# Below is generated by plot.py at 2018-05-24 17:17:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.24 Mbit/s
95th percentile per-packet one-way delay: 120.421 ms
Loss rate: 8.04%
-- Flow 1:
Average throughput: 63.31 Mbit/s
95th percentile per-packet one-way delay: 120.950 ms
Loss rate: 4.05%
-- Flow 2:
Average throughput: 30.05 Mbit/s
95th percentile per-packet one-way delay: 117.070 ms
Loss rate: 12.20%
-- Flow 3:
Average throughput: 21.67 Mbit/s
95th percentile per-packet one-way delay: 115.346 ms
Loss rate: 25.84%
```

Run 2: Report of Indigo — Data Link

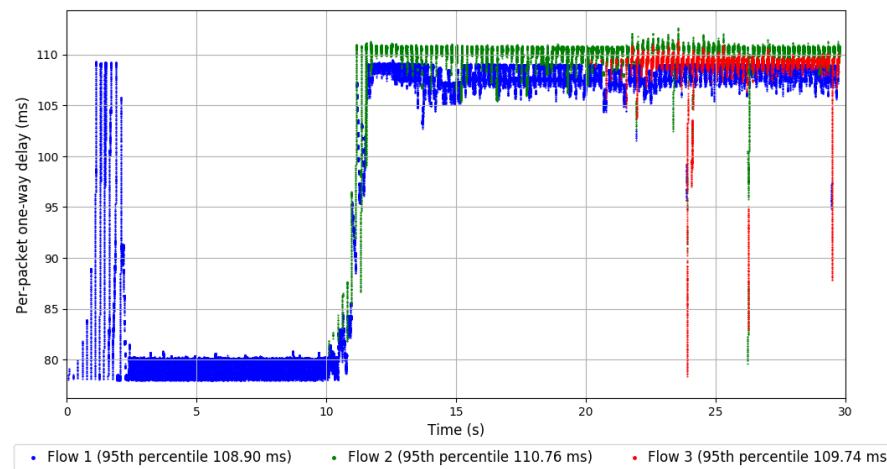
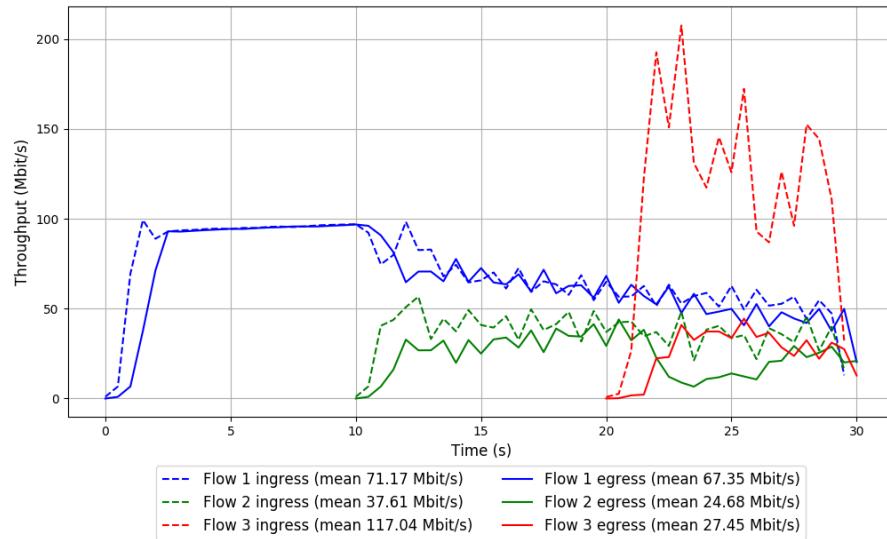


Run 3: Statistics of Indigo

```
Start at: 2018-05-24 14:47:52
End at: 2018-05-24 14:48:22
Local clock offset: -1.832 ms
Remote clock offset: 19.286 ms

# Below is generated by plot.py at 2018-05-24 17:17:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 110.568 ms
Loss rate: 30.79%
-- Flow 1:
Average throughput: 67.35 Mbit/s
95th percentile per-packet one-way delay: 108.903 ms
Loss rate: 5.26%
-- Flow 2:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 110.763 ms
Loss rate: 34.27%
-- Flow 3:
Average throughput: 27.45 Mbit/s
95th percentile per-packet one-way delay: 109.744 ms
Loss rate: 76.54%
```

Run 3: Report of Indigo — Data Link

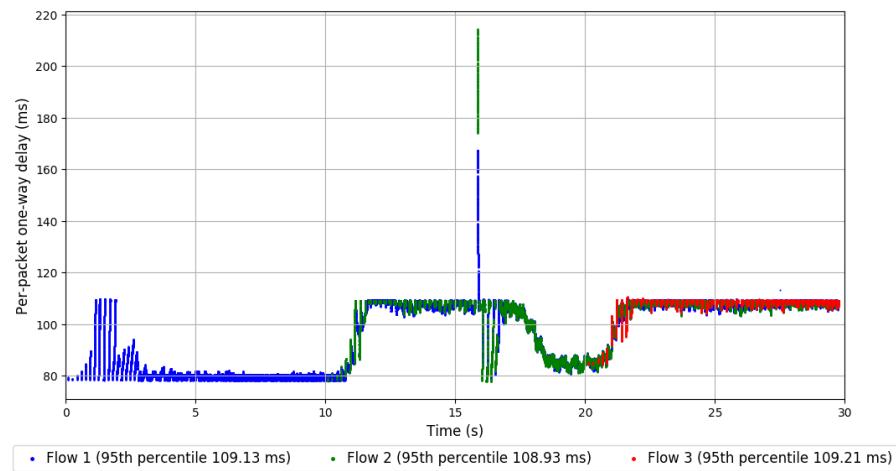
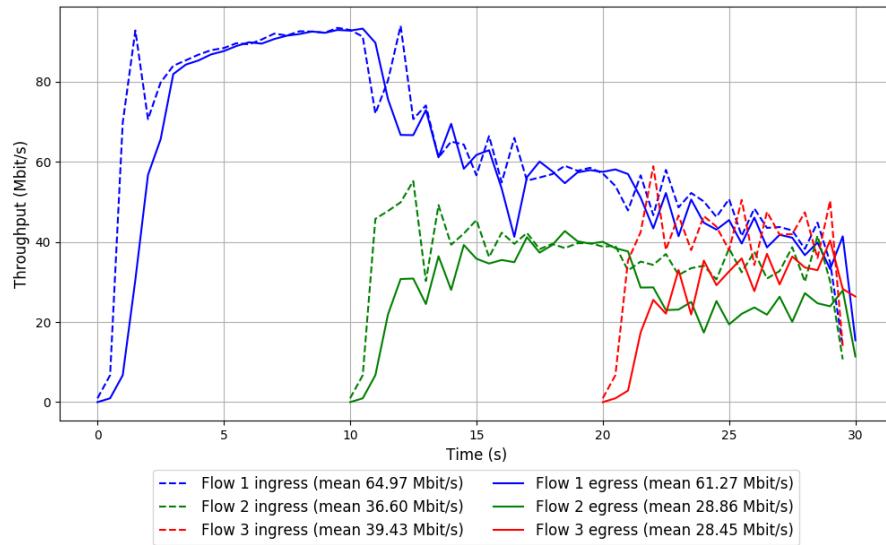


Run 4: Statistics of Indigo

```
Start at: 2018-05-24 15:07:32
End at: 2018-05-24 15:08:02
Local clock offset: -1.27 ms
Remote clock offset: 23.525 ms

# Below is generated by plot.py at 2018-05-24 17:17:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.58 Mbit/s
95th percentile per-packet one-way delay: 109.132 ms
Loss rate: 12.04%
-- Flow 1:
Average throughput: 61.27 Mbit/s
95th percentile per-packet one-way delay: 109.130 ms
Loss rate: 5.60%
-- Flow 2:
Average throughput: 28.86 Mbit/s
95th percentile per-packet one-way delay: 108.929 ms
Loss rate: 21.02%
-- Flow 3:
Average throughput: 28.45 Mbit/s
95th percentile per-packet one-way delay: 109.208 ms
Loss rate: 27.67%
```

Run 4: Report of Indigo — Data Link

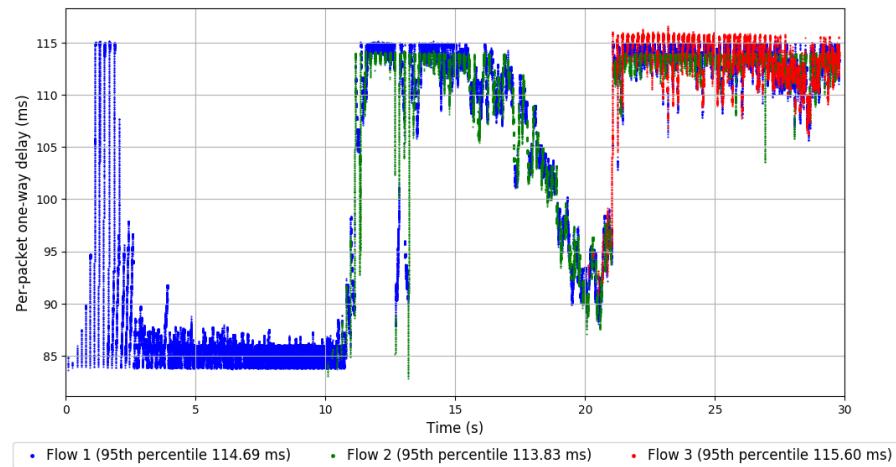
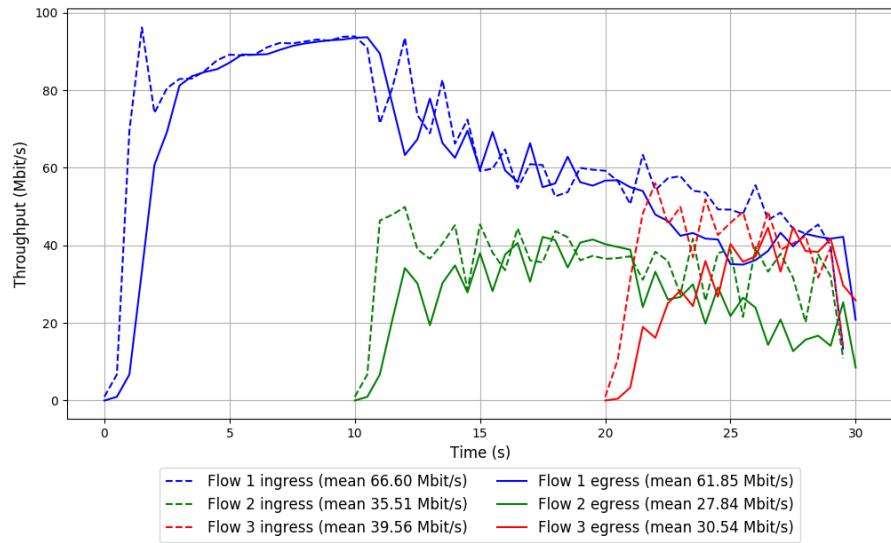


Run 5: Statistics of Indigo

```
Start at: 2018-05-24 15:27:13
End at: 2018-05-24 15:27:43
Local clock offset: -2.054 ms
Remote clock offset: 31.749 ms

# Below is generated by plot.py at 2018-05-24 17:17:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.11 Mbit/s
95th percentile per-packet one-way delay: 114.742 ms
Loss rate: 12.27%
-- Flow 1:
Average throughput: 61.85 Mbit/s
95th percentile per-packet one-way delay: 114.688 ms
Loss rate: 7.05%
-- Flow 2:
Average throughput: 27.84 Mbit/s
95th percentile per-packet one-way delay: 113.827 ms
Loss rate: 21.47%
-- Flow 3:
Average throughput: 30.54 Mbit/s
95th percentile per-packet one-way delay: 115.597 ms
Loss rate: 22.64%
```

Run 5: Report of Indigo — Data Link

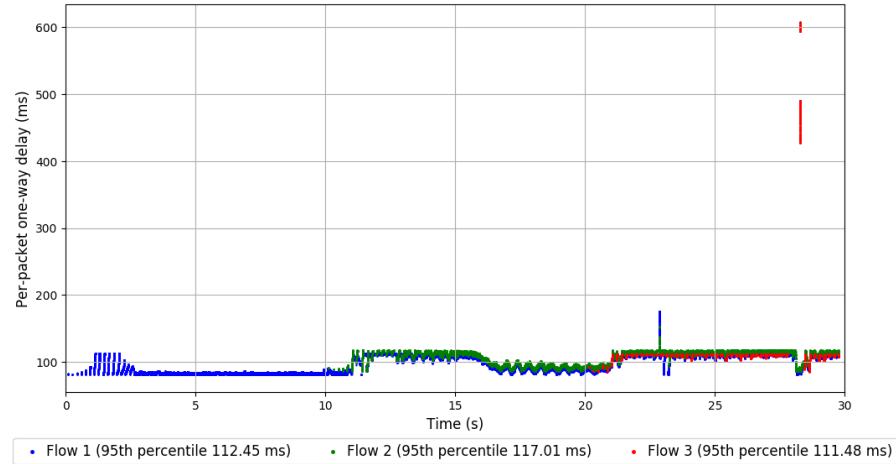
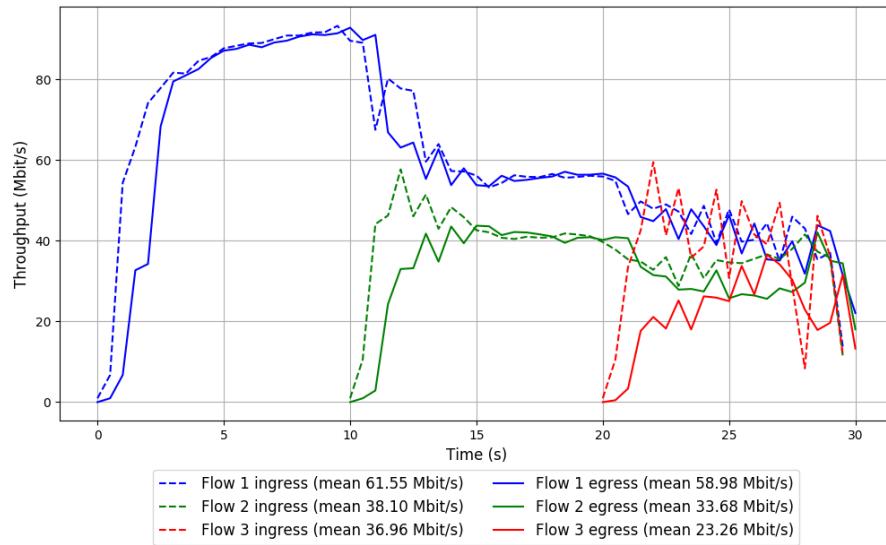


Run 6: Statistics of Indigo

```
Start at: 2018-05-24 15:46:54
End at: 2018-05-24 15:47:24
Local clock offset: -3.234 ms
Remote clock offset: 5.158 ms

# Below is generated by plot.py at 2018-05-24 17:17:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.81 Mbit/s
95th percentile per-packet one-way delay: 116.030 ms
Loss rate: 9.96%
-- Flow 1:
Average throughput: 58.98 Mbit/s
95th percentile per-packet one-way delay: 112.454 ms
Loss rate: 4.07%
-- Flow 2:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 117.011 ms
Loss rate: 11.52%
-- Flow 3:
Average throughput: 23.26 Mbit/s
95th percentile per-packet one-way delay: 111.476 ms
Loss rate: 36.94%
```

Run 6: Report of Indigo — Data Link

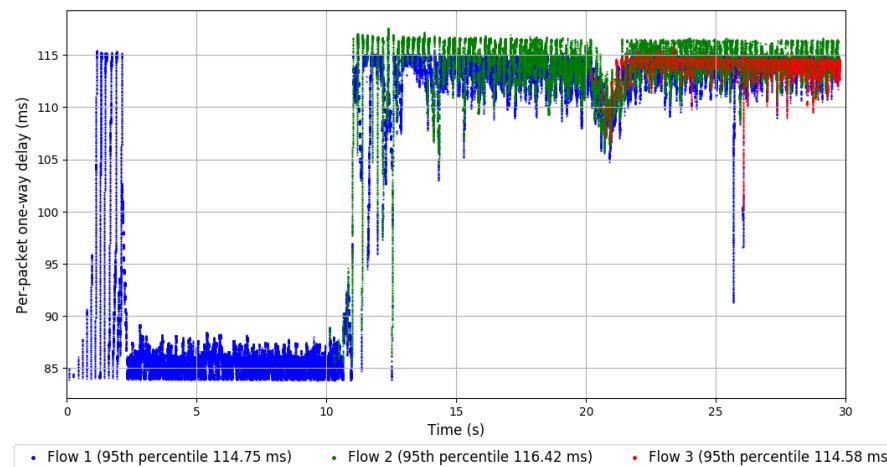
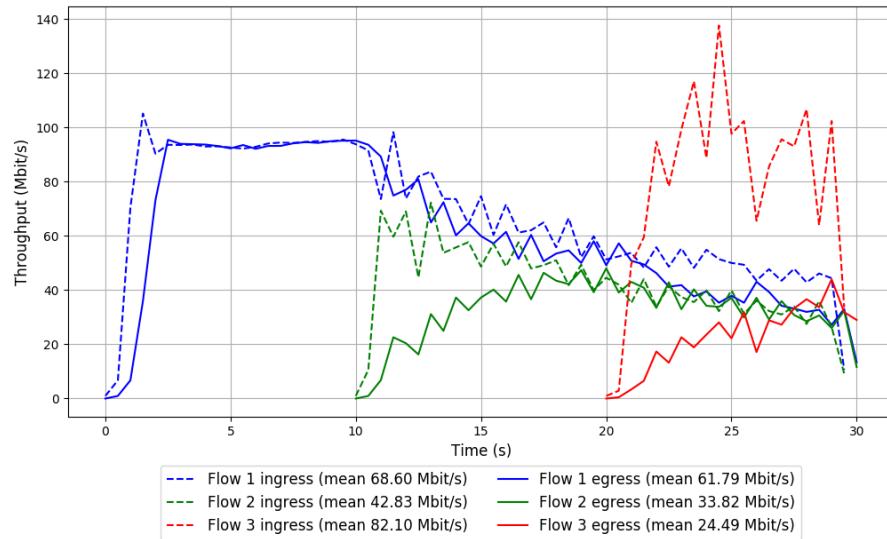


Run 7: Statistics of Indigo

```
Start at: 2018-05-24 16:06:34
End at: 2018-05-24 16:07:04
Local clock offset: -2.329 ms
Remote clock offset: 1.665 ms

# Below is generated by plot.py at 2018-05-24 17:18:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.96 Mbit/s
95th percentile per-packet one-way delay: 115.635 ms
Loss rate: 25.37%
-- Flow 1:
Average throughput: 61.79 Mbit/s
95th percentile per-packet one-way delay: 114.745 ms
Loss rate: 9.84%
-- Flow 2:
Average throughput: 33.82 Mbit/s
95th percentile per-packet one-way delay: 116.418 ms
Loss rate: 20.91%
-- Flow 3:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 114.584 ms
Loss rate: 70.17%
```

Run 7: Report of Indigo — Data Link

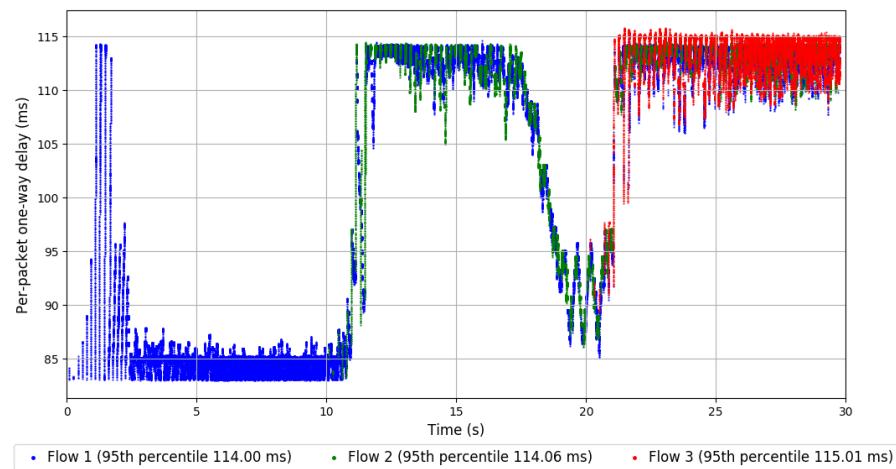
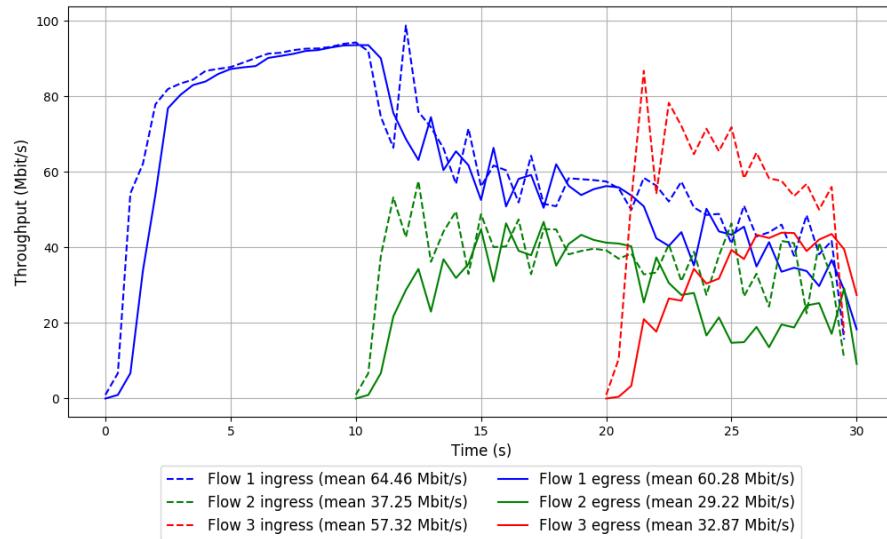


Run 8: Statistics of Indigo

```
Start at: 2018-05-24 16:26:15
End at: 2018-05-24 16:26:45
Local clock offset: -2.172 ms
Remote clock offset: 5.429 ms

# Below is generated by plot.py at 2018-05-24 17:18:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 114.137 ms
Loss rate: 16.07%
-- Flow 1:
Average throughput: 60.28 Mbit/s
95th percentile per-packet one-way delay: 113.999 ms
Loss rate: 6.39%
-- Flow 2:
Average throughput: 29.22 Mbit/s
95th percentile per-packet one-way delay: 114.060 ms
Loss rate: 21.43%
-- Flow 3:
Average throughput: 32.87 Mbit/s
95th percentile per-packet one-way delay: 115.014 ms
Loss rate: 42.55%
```

Run 8: Report of Indigo — Data Link

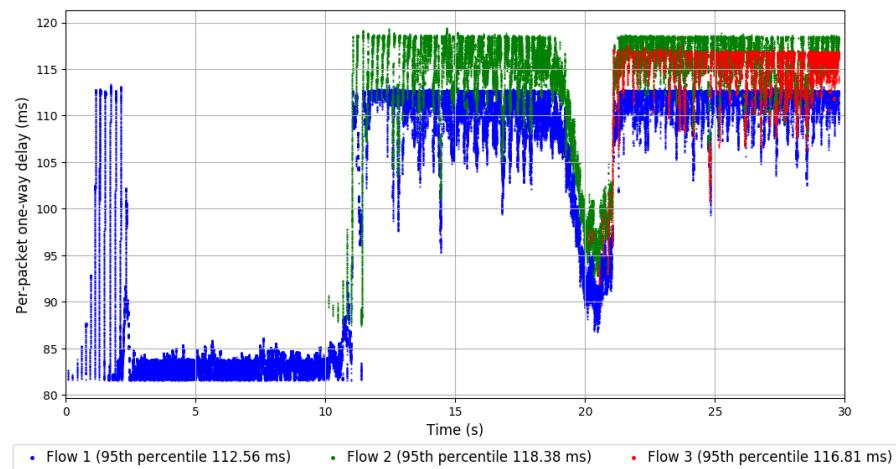
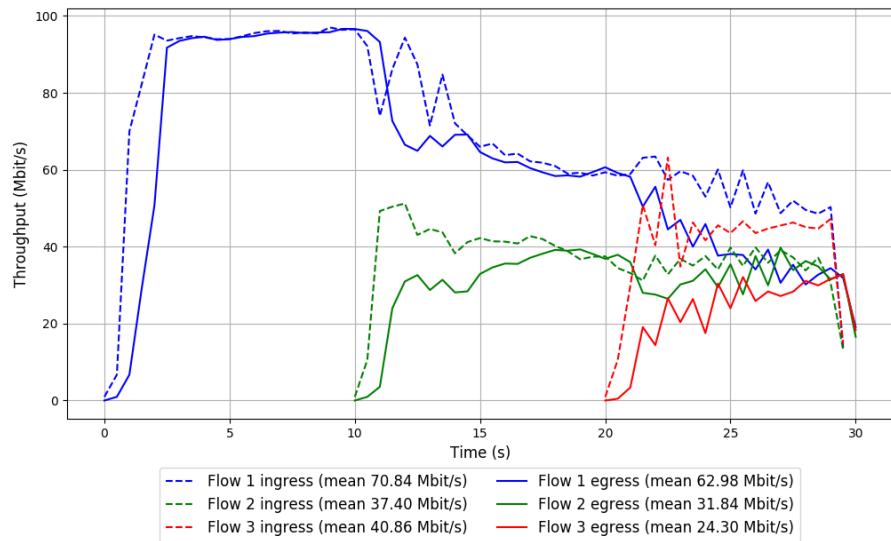


Run 9: Statistics of Indigo

```
Start at: 2018-05-24 16:45:54
End at: 2018-05-24 16:46:24
Local clock offset: -3.002 ms
Remote clock offset: 2.549 ms

# Below is generated by plot.py at 2018-05-24 17:18:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.95 Mbit/s
95th percentile per-packet one-way delay: 117.625 ms
Loss rate: 15.43%
-- Flow 1:
Average throughput: 62.98 Mbit/s
95th percentile per-packet one-way delay: 112.557 ms
Loss rate: 10.99%
-- Flow 2:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 118.384 ms
Loss rate: 14.73%
-- Flow 3:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 116.807 ms
Loss rate: 40.42%
```

Run 9: Report of Indigo — Data Link

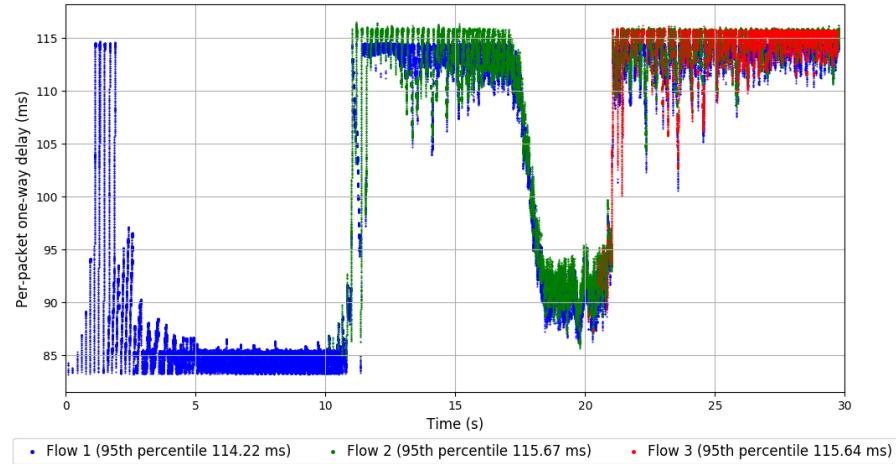
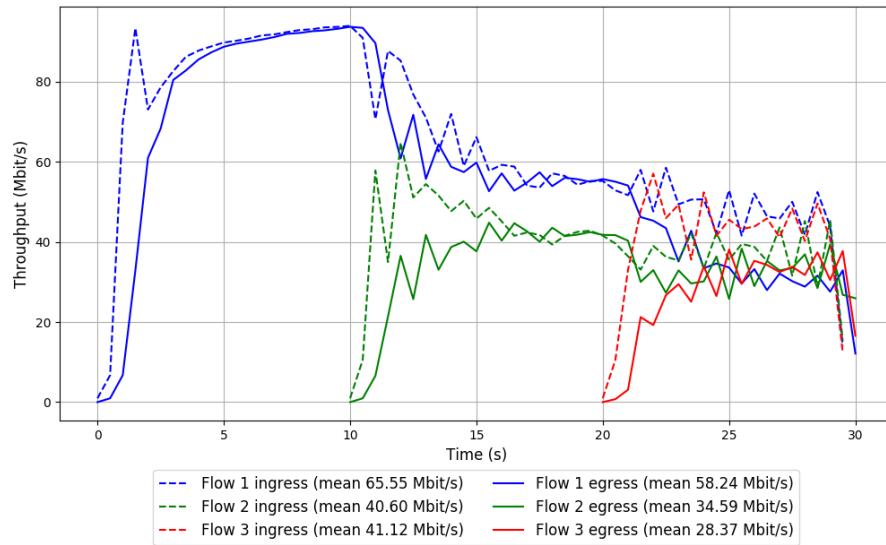


Run 10: Statistics of Indigo

```
Start at: 2018-05-24 17:05:33
End at: 2018-05-24 17:06:03
Local clock offset: -2.922 ms
Remote clock offset: 6.627 ms

# Below is generated by plot.py at 2018-05-24 17:18:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.29 Mbit/s
95th percentile per-packet one-way delay: 115.573 ms
Loss rate: 14.46%
-- Flow 1:
Average throughput: 58.24 Mbit/s
95th percentile per-packet one-way delay: 114.223 ms
Loss rate: 11.06%
-- Flow 2:
Average throughput: 34.59 Mbit/s
95th percentile per-packet one-way delay: 115.667 ms
Loss rate: 14.69%
-- Flow 3:
Average throughput: 28.37 Mbit/s
95th percentile per-packet one-way delay: 115.645 ms
Loss rate: 30.81%
```

Run 10: Report of Indigo — Data Link

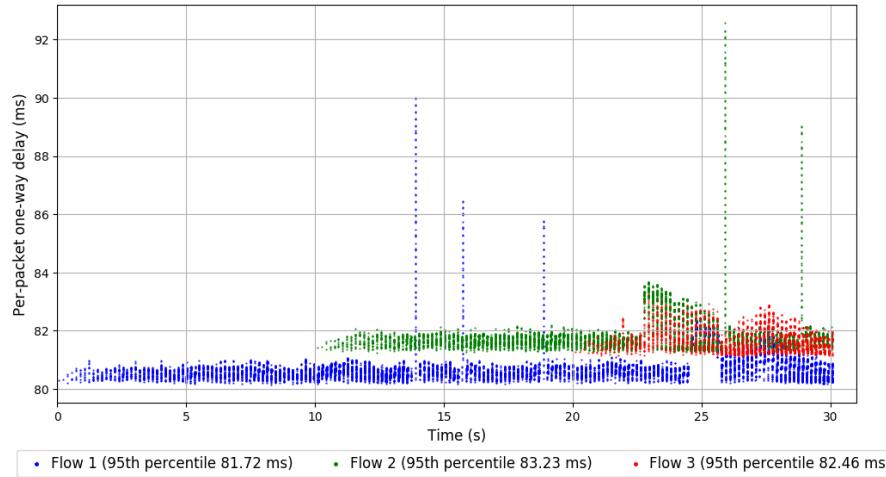
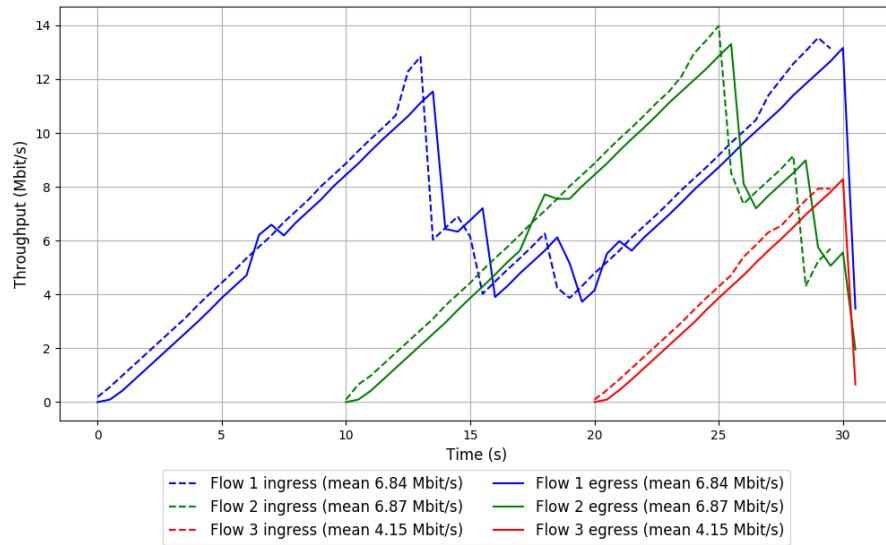


Run 1: Statistics of LEDBAT

```
Start at: 2018-05-24 14:01:10
End at: 2018-05-24 14:01:40
Local clock offset: -2.393 ms
Remote clock offset: 4.093 ms

# Below is generated by plot.py at 2018-05-24 17:18:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.79 Mbit/s
95th percentile per-packet one-way delay: 82.601 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 6.84 Mbit/s
95th percentile per-packet one-way delay: 81.718 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 6.87 Mbit/s
95th percentile per-packet one-way delay: 83.229 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 82.461 ms
Loss rate: 0.03%
```

Run 1: Report of LEDBAT — Data Link

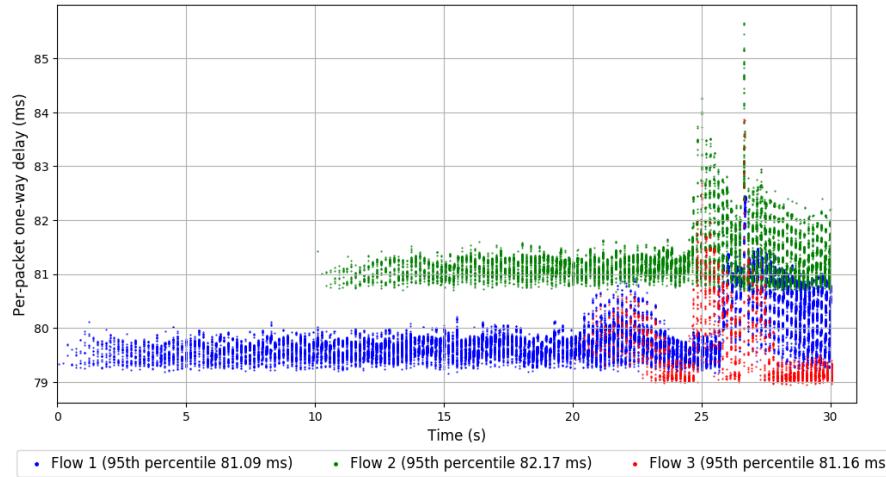
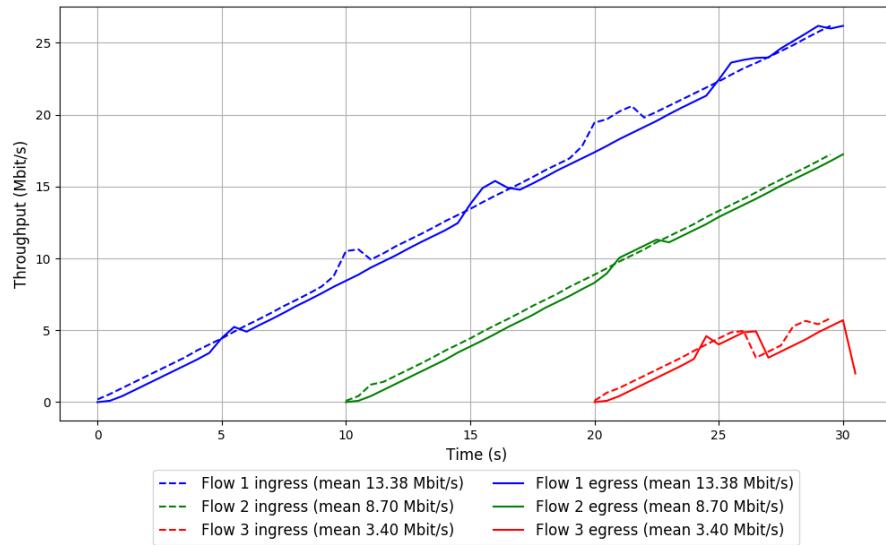


Run 2: Statistics of LEDBAT

```
Start at: 2018-05-24 14:20:50
End at: 2018-05-24 14:21:20
Local clock offset: -2.063 ms
Remote clock offset: 3.635 ms

# Below is generated by plot.py at 2018-05-24 17:18:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.26 Mbit/s
95th percentile per-packet one-way delay: 81.592 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 81.087 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 82.170 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.40 Mbit/s
95th percentile per-packet one-way delay: 81.159 ms
Loss rate: 0.03%
```

Run 2: Report of LEDBAT — Data Link

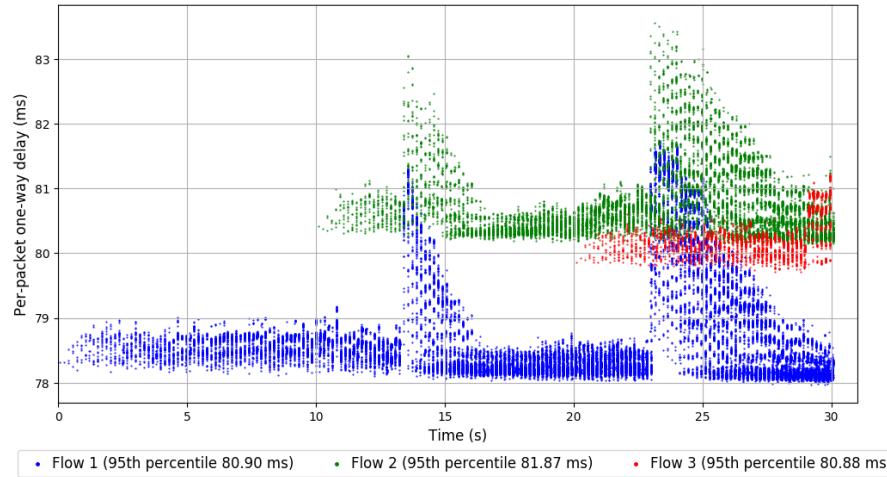
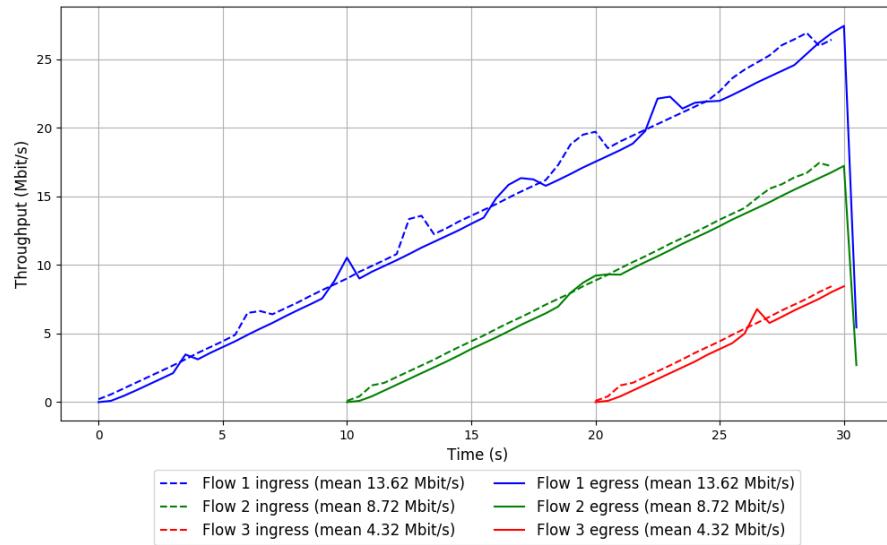


Run 3: Statistics of LEDBAT

```
Start at: 2018-05-24 14:40:29
End at: 2018-05-24 14:40:59
Local clock offset: -1.891 ms
Remote clock offset: 16.917 ms

# Below is generated by plot.py at 2018-05-24 17:18:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.84 Mbit/s
95th percentile per-packet one-way delay: 81.307 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.62 Mbit/s
95th percentile per-packet one-way delay: 80.901 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 81.870 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 80.879 ms
Loss rate: 0.00%
```

Run 3: Report of LEDBAT — Data Link

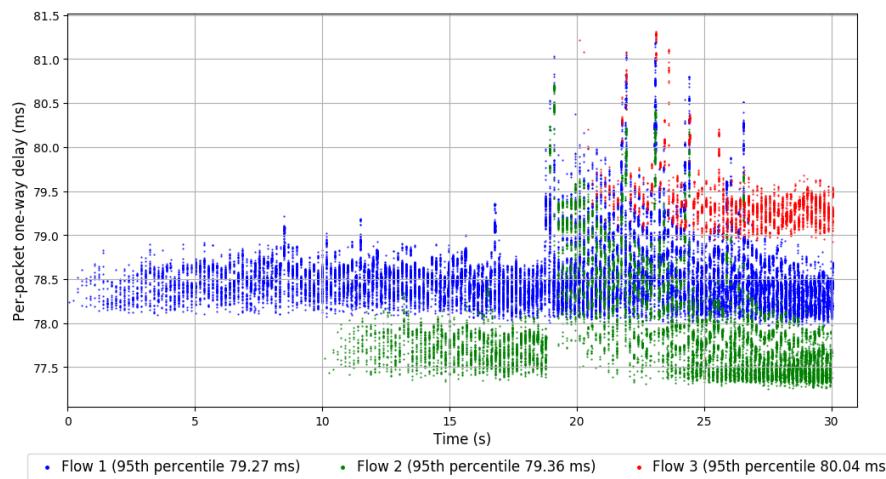
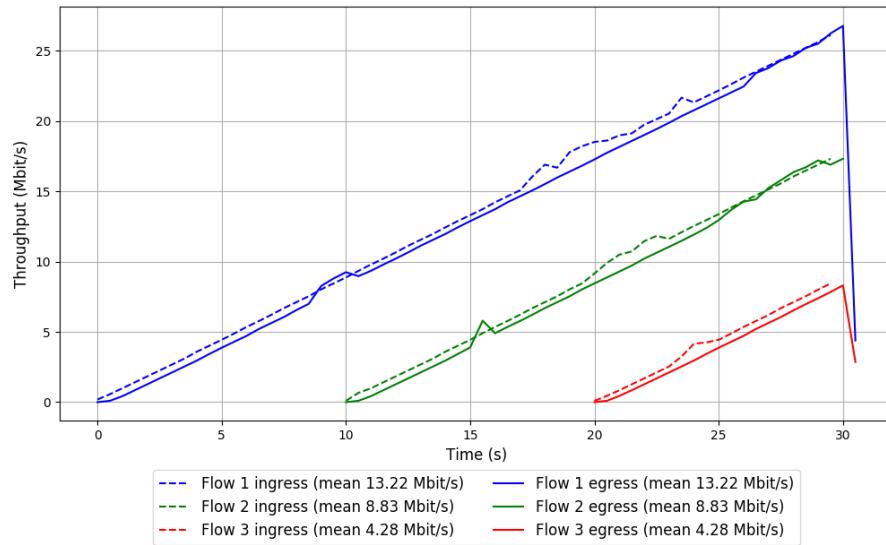


Run 4: Statistics of LEDBAT

```
Start at: 2018-05-24 15:00:10
End at: 2018-05-24 15:00:40
Local clock offset: -1.116 ms
Remote clock offset: 22.075 ms

# Below is generated by plot.py at 2018-05-24 17:18:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.50 Mbit/s
95th percentile per-packet one-way delay: 79.431 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.22 Mbit/s
95th percentile per-packet one-way delay: 79.270 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.83 Mbit/s
95th percentile per-packet one-way delay: 79.362 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 80.042 ms
Loss rate: 0.00%
```

Run 4: Report of LEDBAT — Data Link

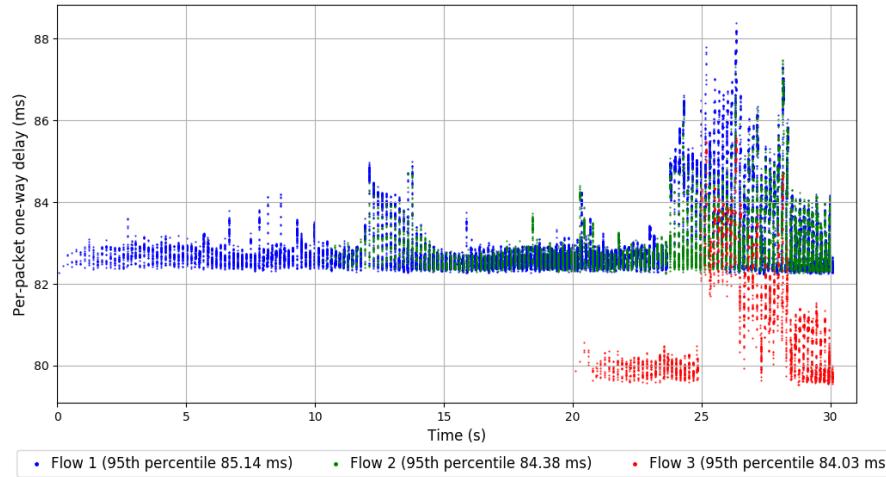
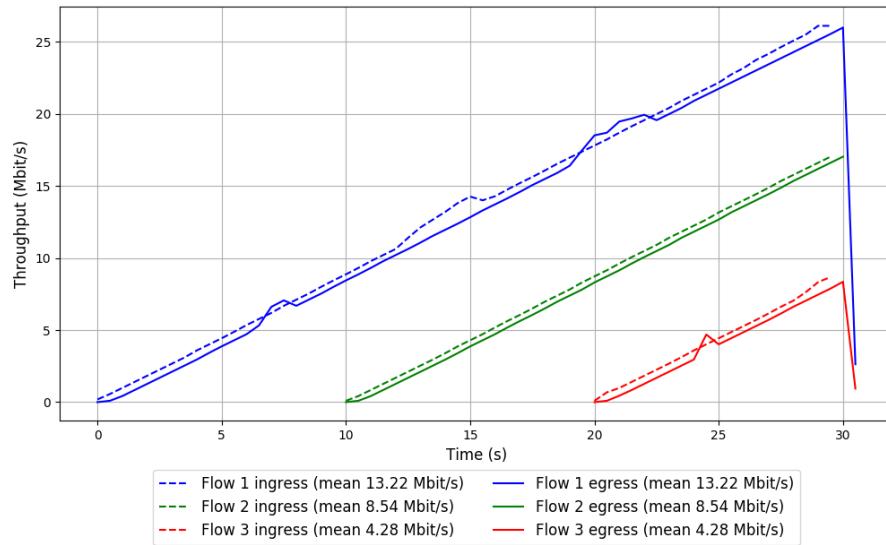


Run 5: Statistics of LEDBAT

```
Start at: 2018-05-24 15:19:50
End at: 2018-05-24 15:20:20
Local clock offset: -2.7 ms
Remote clock offset: 26.439 ms

# Below is generated by plot.py at 2018-05-24 17:18:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.31 Mbit/s
95th percentile per-packet one-way delay: 85.024 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 13.22 Mbit/s
95th percentile per-packet one-way delay: 85.137 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 8.54 Mbit/s
95th percentile per-packet one-way delay: 84.383 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 84.026 ms
Loss rate: 0.00%
```

Run 5: Report of LEDBAT — Data Link

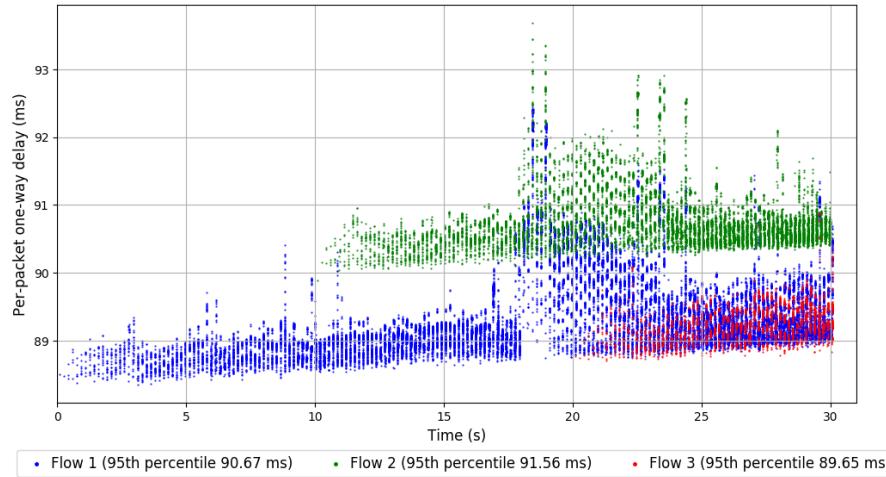
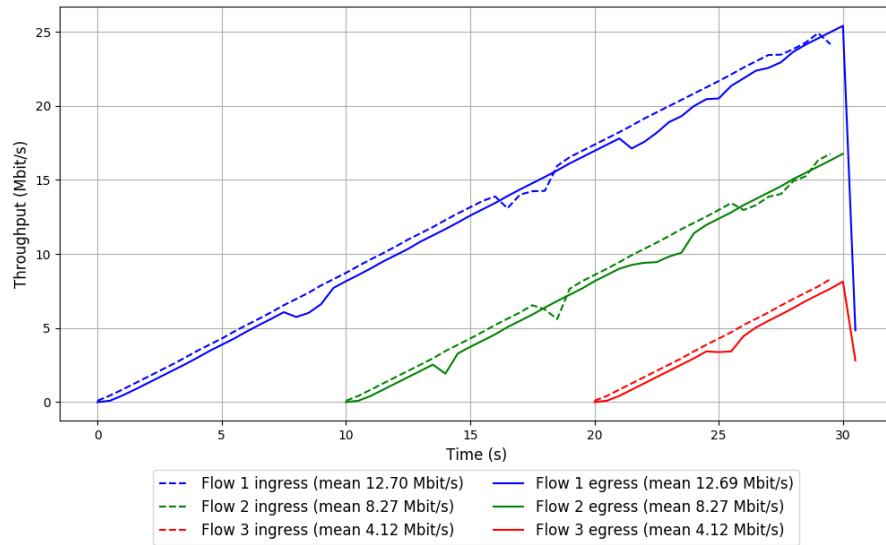


Run 6: Statistics of LEDBAT

```
Start at: 2018-05-24 15:39:31
End at: 2018-05-24 15:40:01
Local clock offset: -2.301 ms
Remote clock offset: 15.636 ms

# Below is generated by plot.py at 2018-05-24 17:18:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.54 Mbit/s
95th percentile per-packet one-way delay: 91.118 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 90.672 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 8.27 Mbit/s
95th percentile per-packet one-way delay: 91.562 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.12 Mbit/s
95th percentile per-packet one-way delay: 89.648 ms
Loss rate: 0.00%
```

Run 6: Report of LEDBAT — Data Link

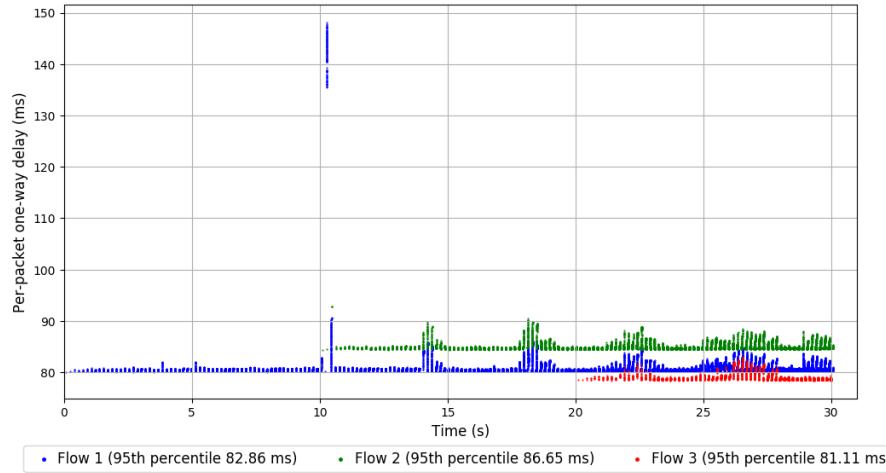
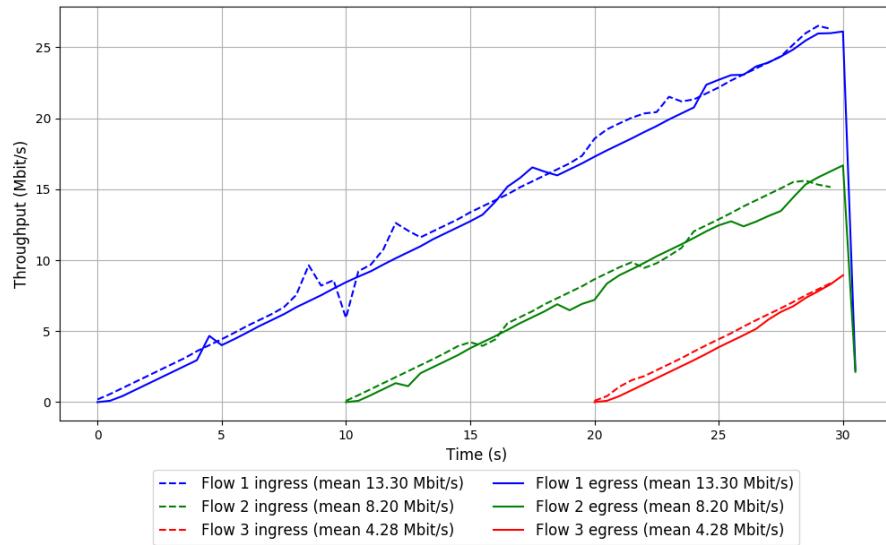


Run 7: Statistics of LEDBAT

```
Start at: 2018-05-24 15:59:12
End at: 2018-05-24 15:59:42
Local clock offset: -1.641 ms
Remote clock offset: -1.14 ms

# Below is generated by plot.py at 2018-05-24 17:18:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.17 Mbit/s
95th percentile per-packet one-way delay: 85.544 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 13.30 Mbit/s
95th percentile per-packet one-way delay: 82.864 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.20 Mbit/s
95th percentile per-packet one-way delay: 86.652 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 81.111 ms
Loss rate: 0.00%
```

Run 7: Report of LEDBAT — Data Link

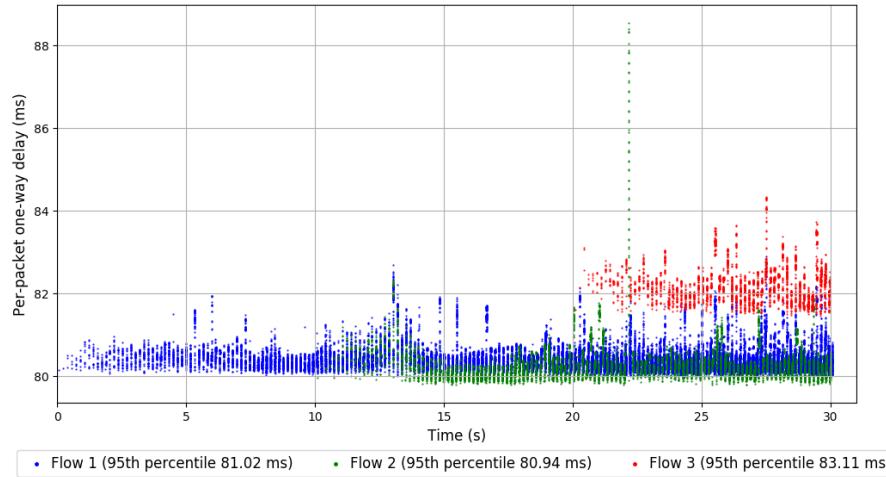
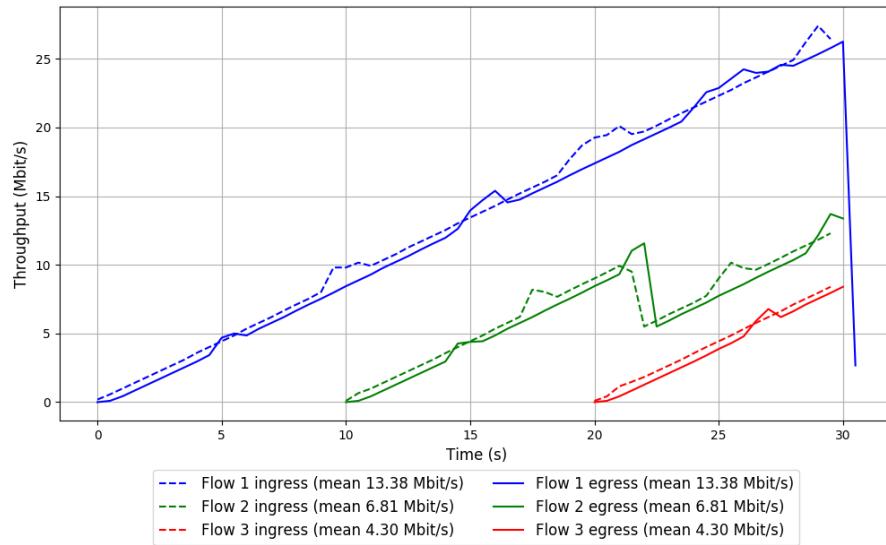


Run 8: Statistics of LEDBAT

```
Start at: 2018-05-24 16:18:53
End at: 2018-05-24 16:19:23
Local clock offset: -3.034 ms
Remote clock offset: 1.382 ms

# Below is generated by plot.py at 2018-05-24 17:18:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.31 Mbit/s
95th percentile per-packet one-way delay: 81.993 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 81.020 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.81 Mbit/s
95th percentile per-packet one-way delay: 80.936 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 83.113 ms
Loss rate: 0.00%
```

Run 8: Report of LEDBAT — Data Link

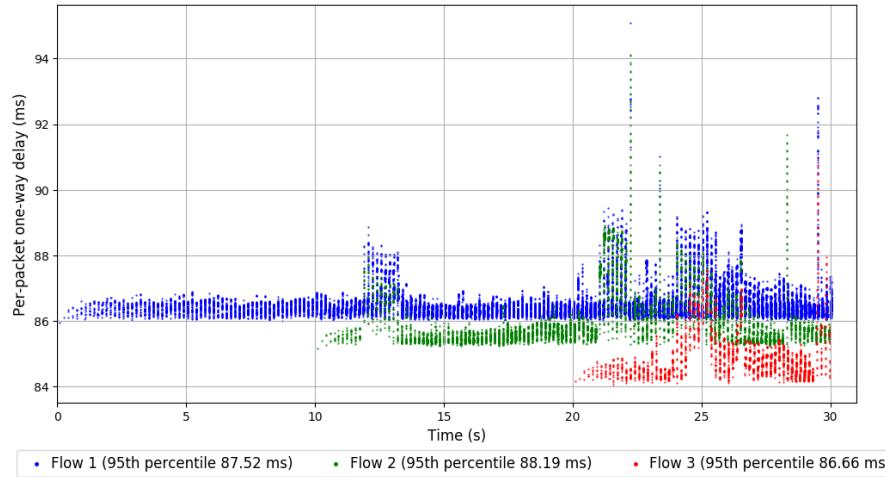
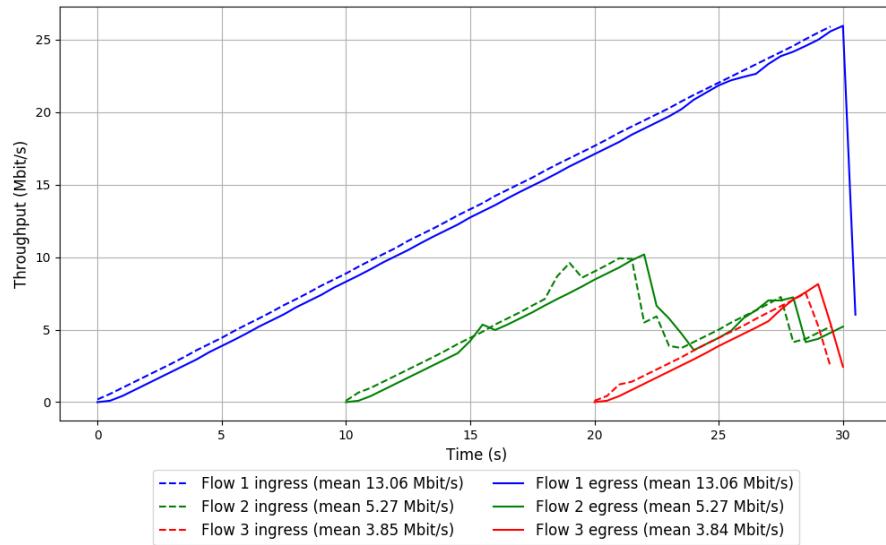


Run 9: Statistics of LEDBAT

```
Start at: 2018-05-24 16:38:32
End at: 2018-05-24 16:39:02
Local clock offset: -3.031 ms
Remote clock offset: 4.899 ms

# Below is generated by plot.py at 2018-05-24 17:18:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 17.82 Mbit/s
95th percentile per-packet one-way delay: 87.616 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 87.516 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 88.191 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 86.662 ms
Loss rate: 0.06%
```

Run 9: Report of LEDBAT — Data Link

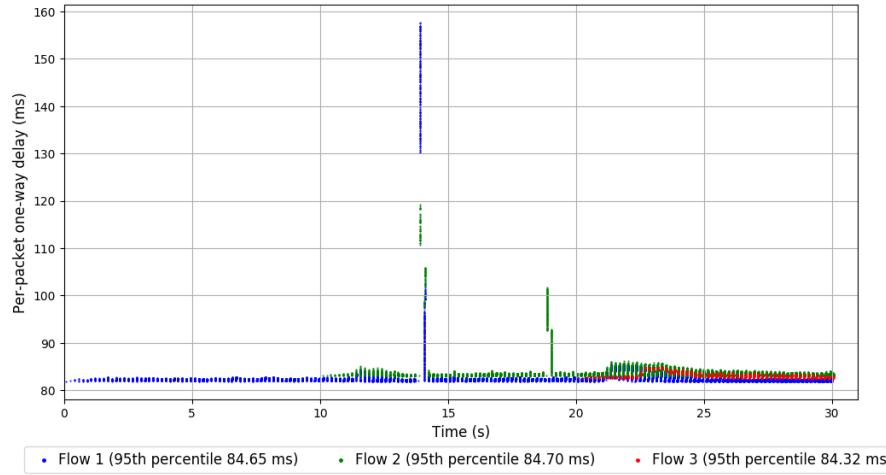
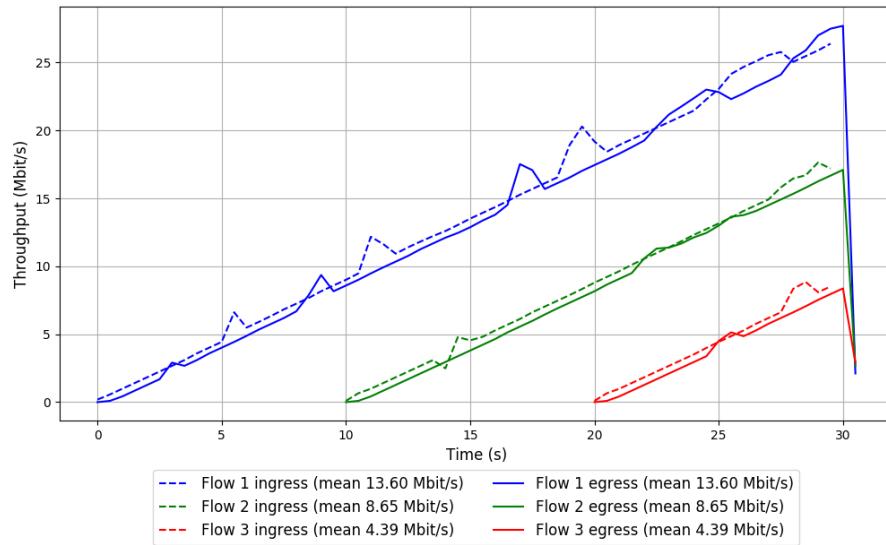


Run 10: Statistics of LEDBAT

```
Start at: 2018-05-24 16:58:11
End at: 2018-05-24 16:58:41
Local clock offset: -2.132 ms
Remote clock offset: 6.44 ms

# Below is generated by plot.py at 2018-05-24 17:18:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.79 Mbit/s
95th percentile per-packet one-way delay: 84.622 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.60 Mbit/s
95th percentile per-packet one-way delay: 84.647 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.65 Mbit/s
95th percentile per-packet one-way delay: 84.704 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 84.323 ms
Loss rate: 0.00%
```

Run 10: Report of LEDBAT — Data Link

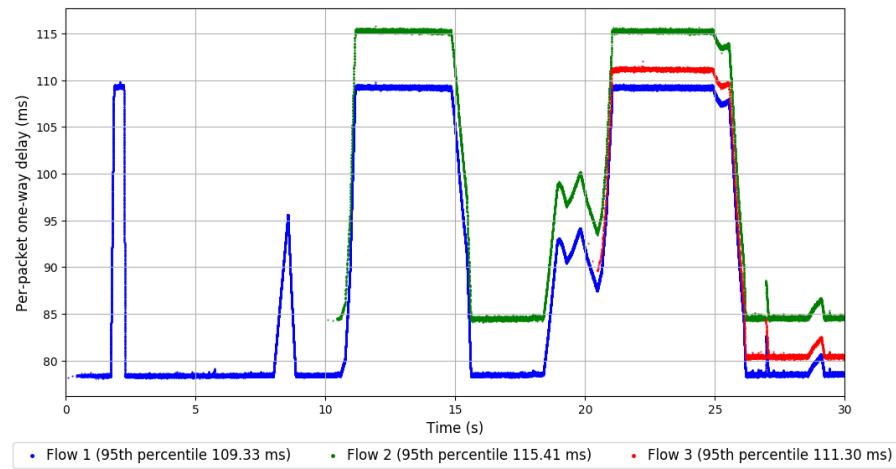
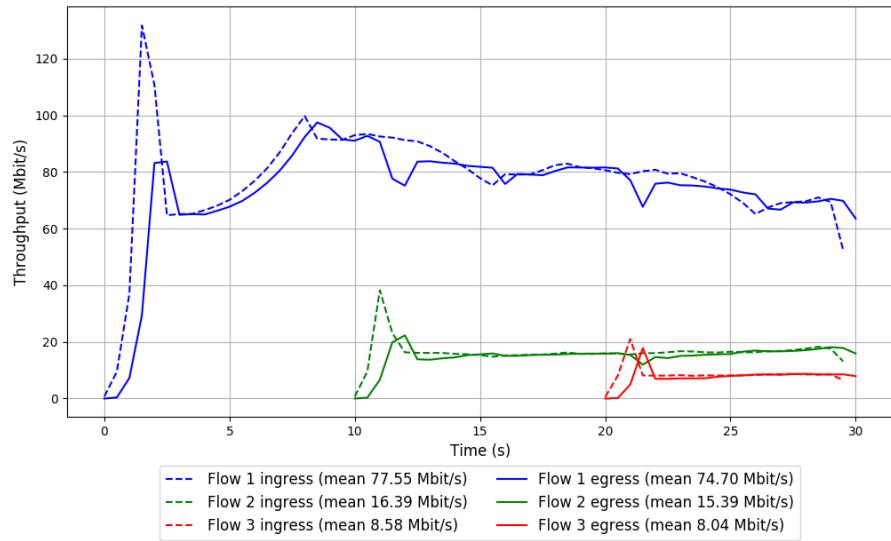


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-05-24 13:52:38
End at: 2018-05-24 13:53:08
Local clock offset: -1.862 ms
Remote clock offset: 4.699 ms

# Below is generated by plot.py at 2018-05-24 17:19:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.58 Mbit/s
95th percentile per-packet one-way delay: 111.393 ms
Loss rate: 4.04%
-- Flow 1:
Average throughput: 74.70 Mbit/s
95th percentile per-packet one-way delay: 109.334 ms
Loss rate: 3.67%
-- Flow 2:
Average throughput: 15.39 Mbit/s
95th percentile per-packet one-way delay: 115.409 ms
Loss rate: 6.11%
-- Flow 3:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 111.297 ms
Loss rate: 6.44%
```

Run 1: Report of PCC-Allegro — Data Link

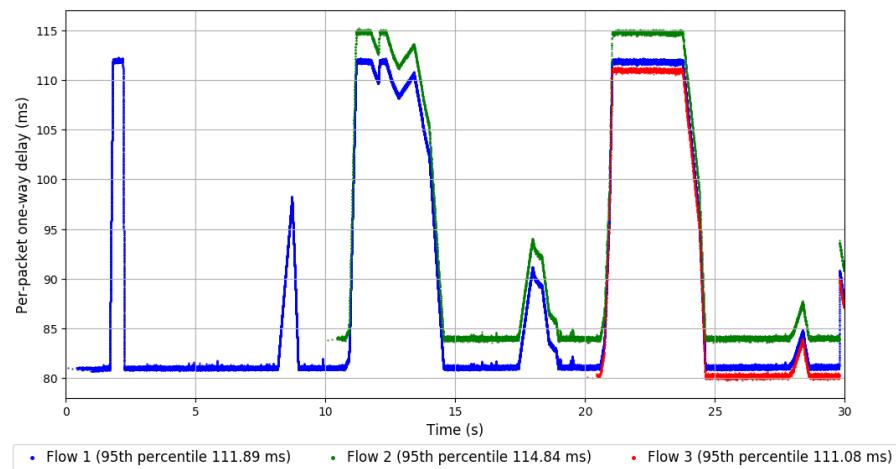
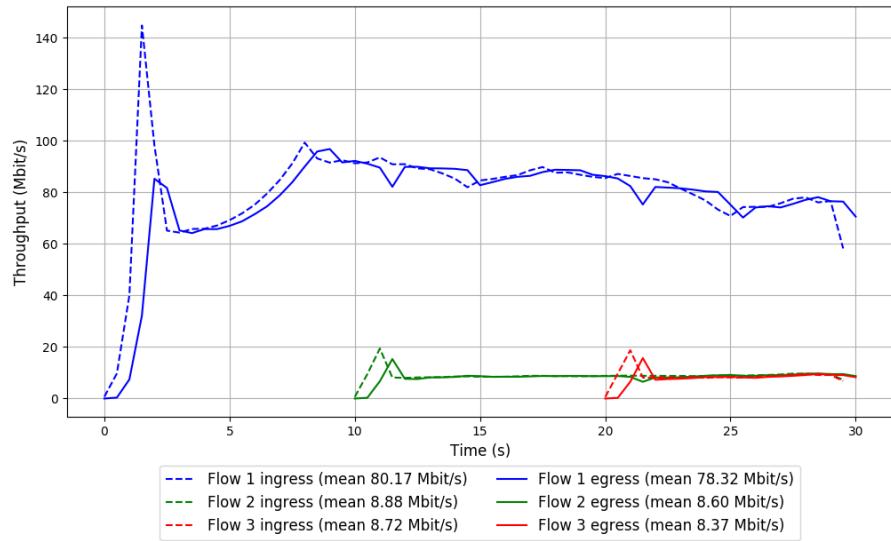


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-05-24 14:12:18
End at: 2018-05-24 14:12:48
Local clock offset: -2.186 ms
Remote clock offset: 2.899 ms

# Below is generated by plot.py at 2018-05-24 17:19:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.80 Mbit/s
95th percentile per-packet one-way delay: 111.916 ms
Loss rate: 2.38%
-- Flow 1:
Average throughput: 78.32 Mbit/s
95th percentile per-packet one-way delay: 111.890 ms
Loss rate: 2.27%
-- Flow 2:
Average throughput: 8.60 Mbit/s
95th percentile per-packet one-way delay: 114.844 ms
Loss rate: 3.09%
-- Flow 3:
Average throughput: 8.37 Mbit/s
95th percentile per-packet one-way delay: 111.077 ms
Loss rate: 3.92%
```

Run 2: Report of PCC-Allegro — Data Link

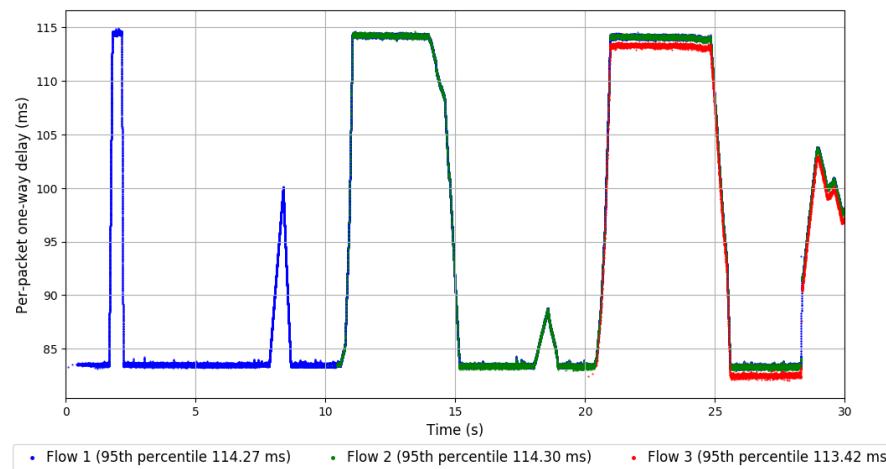
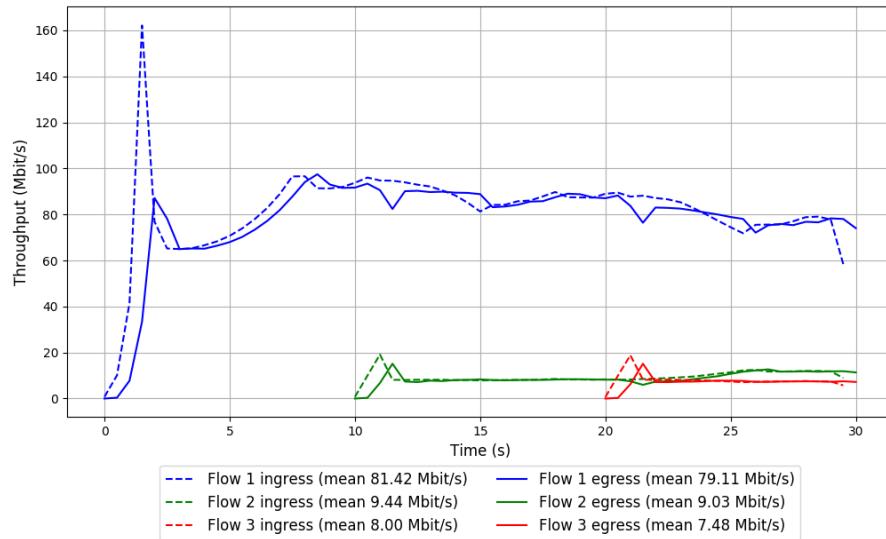


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-05-24 14:31:58
End at: 2018-05-24 14:32:28
Local clock offset: -1.95 ms
Remote clock offset: 16.965 ms

# Below is generated by plot.py at 2018-05-24 17:19:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.58 Mbit/s
95th percentile per-packet one-way delay: 114.272 ms
Loss rate: 2.99%
-- Flow 1:
Average throughput: 79.11 Mbit/s
95th percentile per-packet one-way delay: 114.273 ms
Loss rate: 2.79%
-- Flow 2:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 114.295 ms
Loss rate: 4.26%
-- Flow 3:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 113.423 ms
Loss rate: 6.32%
```

Run 3: Report of PCC-Allegro — Data Link

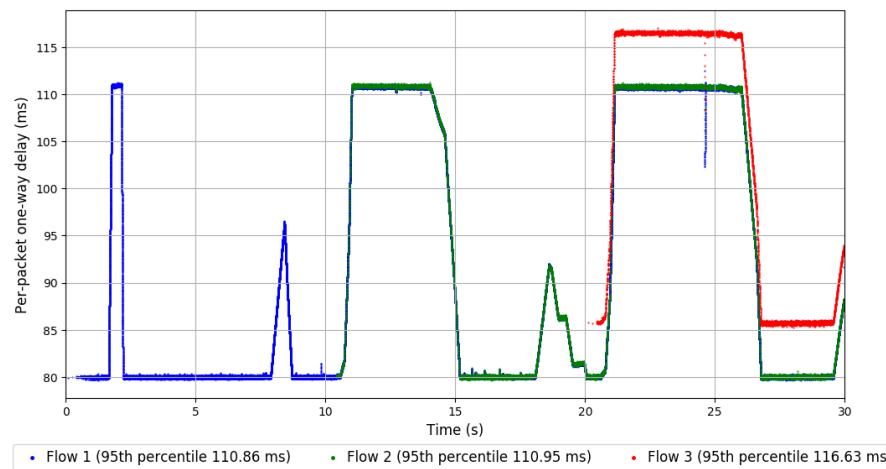
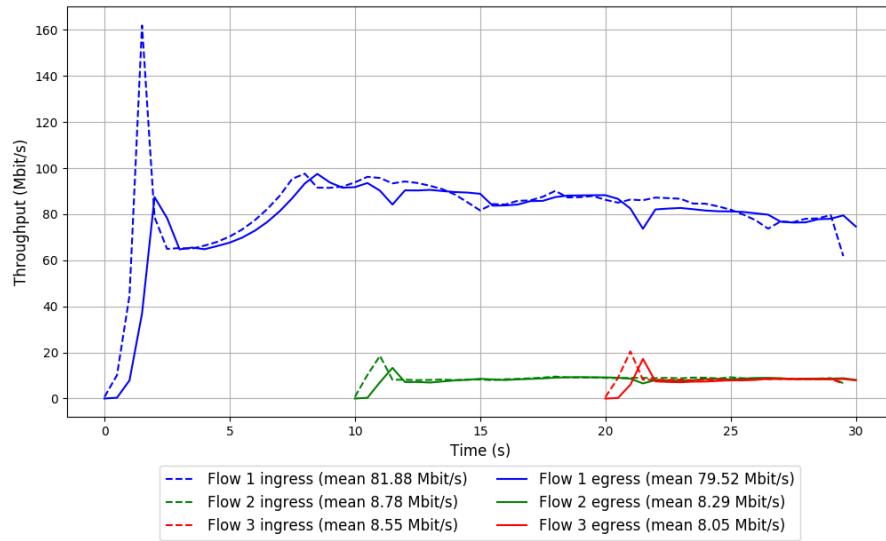


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-05-24 14:51:39
End at: 2018-05-24 14:52:09
Local clock offset: -1.809 ms
Remote clock offset: 20.217 ms

# Below is generated by plot.py at 2018-05-24 17:19:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.69 Mbit/s
95th percentile per-packet one-way delay: 110.892 ms
Loss rate: 3.12%
-- Flow 1:
Average throughput: 79.52 Mbit/s
95th percentile per-packet one-way delay: 110.858 ms
Loss rate: 2.85%
-- Flow 2:
Average throughput: 8.29 Mbit/s
95th percentile per-packet one-way delay: 110.948 ms
Loss rate: 5.52%
-- Flow 3:
Average throughput: 8.05 Mbit/s
95th percentile per-packet one-way delay: 116.633 ms
Loss rate: 5.85%
```

Run 4: Report of PCC-Allegro — Data Link

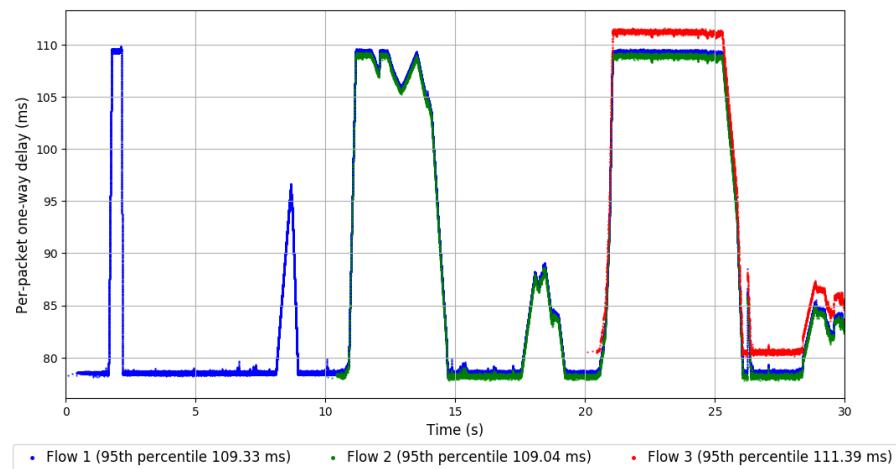
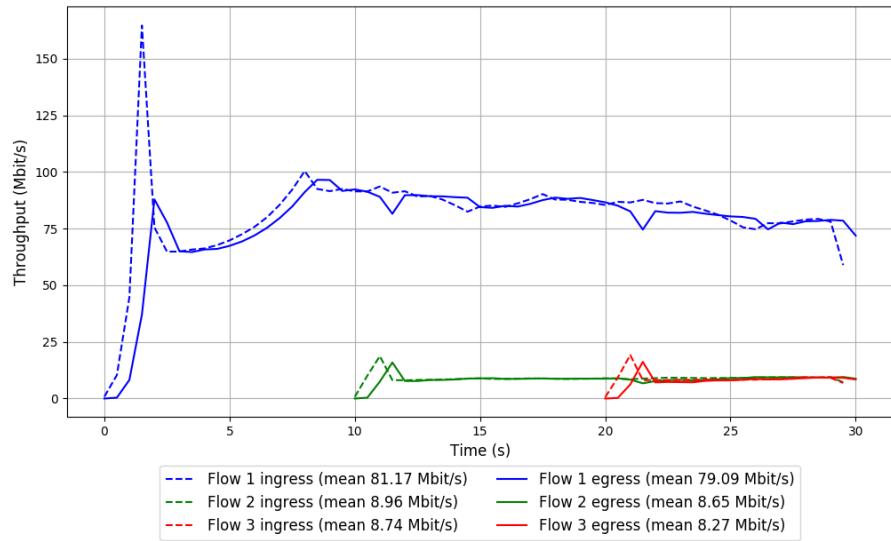


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-05-24 15:11:19
End at: 2018-05-24 15:11:49
Local clock offset: -1.956 ms
Remote clock offset: 24.208 ms

# Below is generated by plot.py at 2018-05-24 17:19:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.57 Mbit/s
95th percentile per-packet one-way delay: 109.353 ms
Loss rate: 2.69%
-- Flow 1:
Average throughput: 79.09 Mbit/s
95th percentile per-packet one-way delay: 109.334 ms
Loss rate: 2.54%
-- Flow 2:
Average throughput: 8.65 Mbit/s
95th percentile per-packet one-way delay: 109.040 ms
Loss rate: 3.43%
-- Flow 3:
Average throughput: 8.27 Mbit/s
95th percentile per-packet one-way delay: 111.388 ms
Loss rate: 5.40%
```

Run 5: Report of PCC-Allegro — Data Link

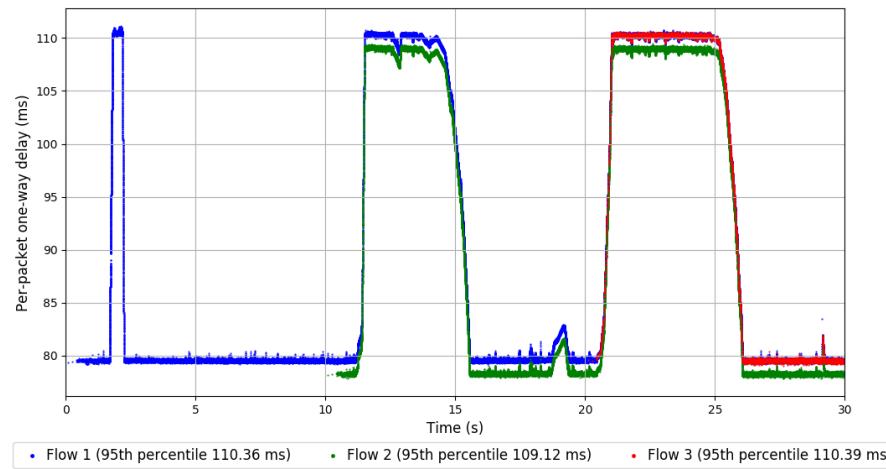
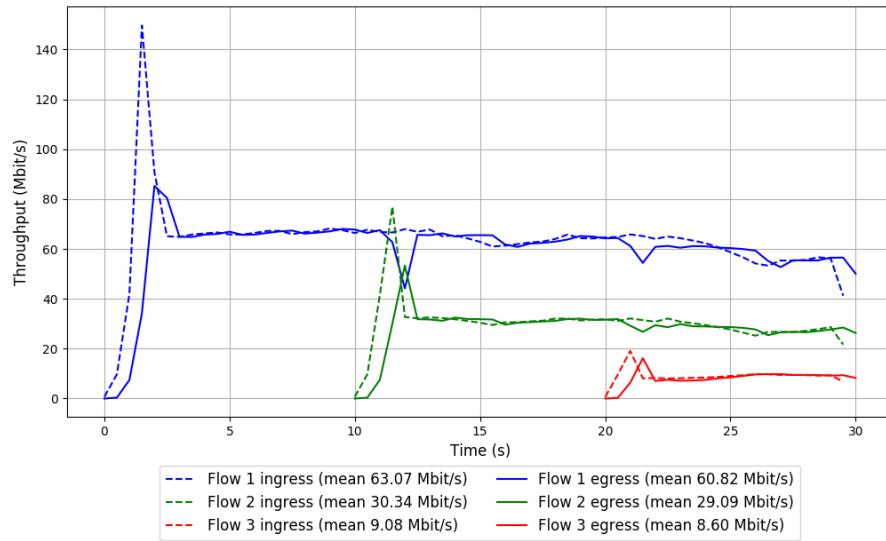


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-05-24 15:31:00
End at: 2018-05-24 15:31:30
Local clock offset: -1.358 ms
Remote clock offset: 28.596 ms

# Below is generated by plot.py at 2018-05-24 17:19:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.00 Mbit/s
95th percentile per-packet one-way delay: 110.333 ms
Loss rate: 3.76%
-- Flow 1:
Average throughput: 60.82 Mbit/s
95th percentile per-packet one-way delay: 110.359 ms
Loss rate: 3.57%
-- Flow 2:
Average throughput: 29.09 Mbit/s
95th percentile per-packet one-way delay: 109.120 ms
Loss rate: 4.11%
-- Flow 3:
Average throughput: 8.60 Mbit/s
95th percentile per-packet one-way delay: 110.394 ms
Loss rate: 5.32%
```

Run 6: Report of PCC-Allegro — Data Link

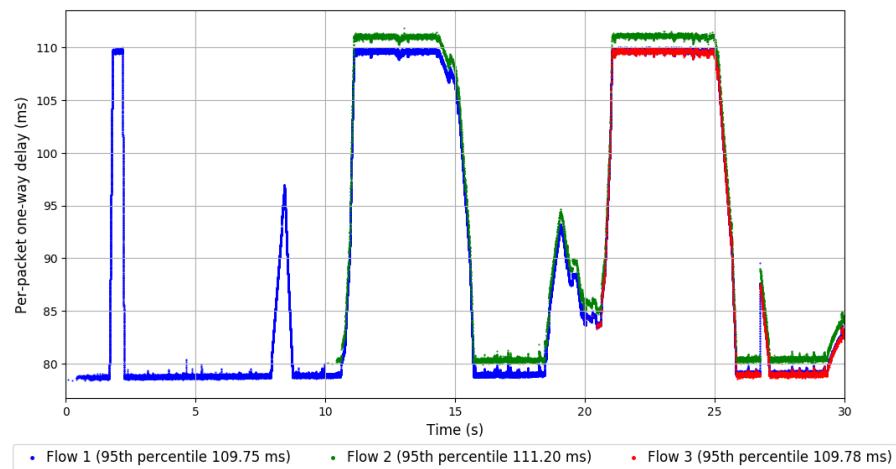
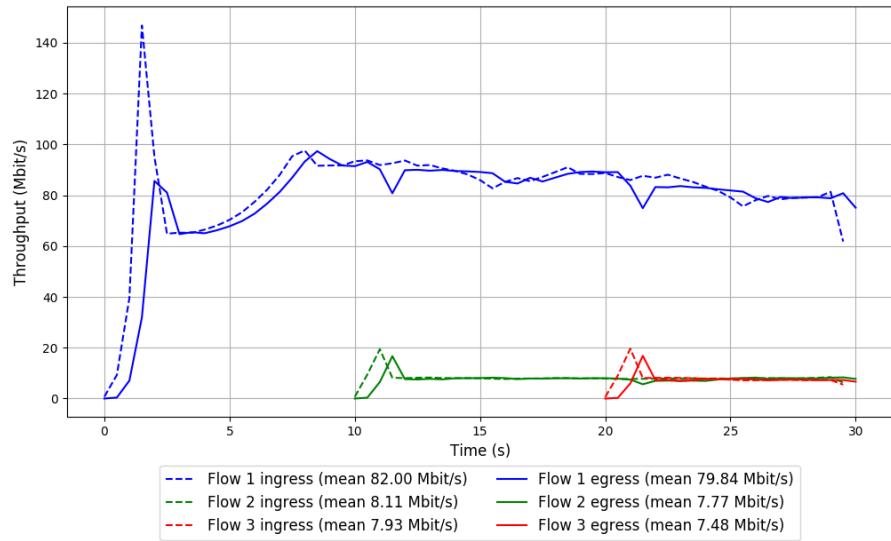


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-05-24 15:50:41
End at: 2018-05-24 15:51:11
Local clock offset: -1.676 ms
Remote clock offset: 2.583 ms

# Below is generated by plot.py at 2018-05-24 17:19:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.48 Mbit/s
95th percentile per-packet one-way delay: 109.792 ms
Loss rate: 2.80%
-- Flow 1:
Average throughput: 79.84 Mbit/s
95th percentile per-packet one-way delay: 109.755 ms
Loss rate: 2.62%
-- Flow 2:
Average throughput: 7.77 Mbit/s
95th percentile per-packet one-way delay: 111.196 ms
Loss rate: 4.16%
-- Flow 3:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 109.783 ms
Loss rate: 5.77%
```

Run 7: Report of PCC-Allegro — Data Link

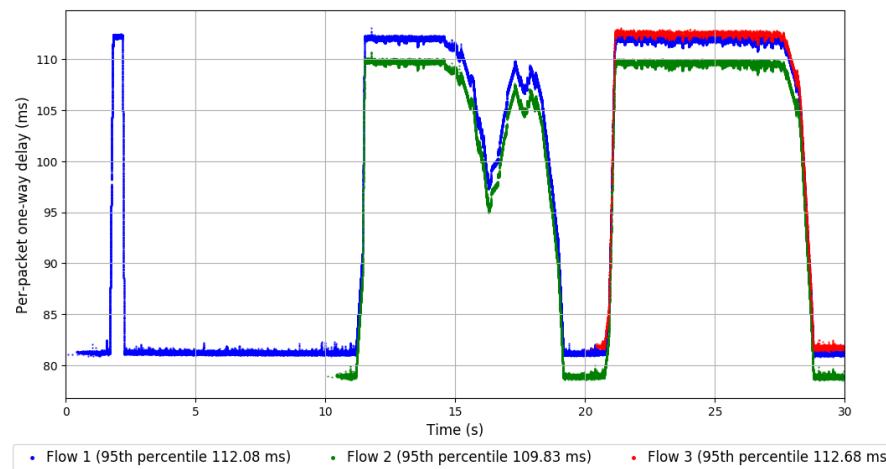
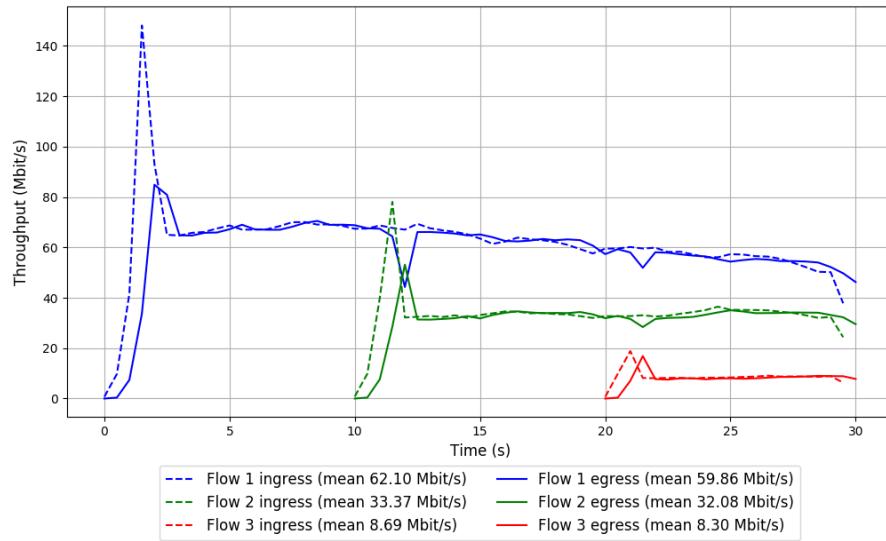


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-05-24 16:10:20
End at: 2018-05-24 16:10:50
Local clock offset: -2.231 ms
Remote clock offset: -0.856 ms

# Below is generated by plot.py at 2018-05-24 17:19:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.94 Mbit/s
95th percentile per-packet one-way delay: 112.101 ms
Loss rate: 3.69%
-- Flow 1:
Average throughput: 59.86 Mbit/s
95th percentile per-packet one-way delay: 112.082 ms
Loss rate: 3.60%
-- Flow 2:
Average throughput: 32.08 Mbit/s
95th percentile per-packet one-way delay: 109.828 ms
Loss rate: 3.85%
-- Flow 3:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 112.676 ms
Loss rate: 4.44%
```

Run 8: Report of PCC-Allegro — Data Link

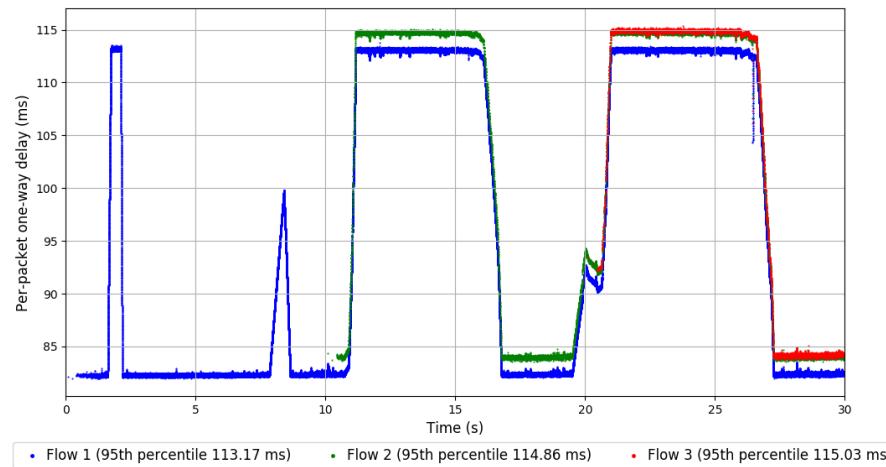
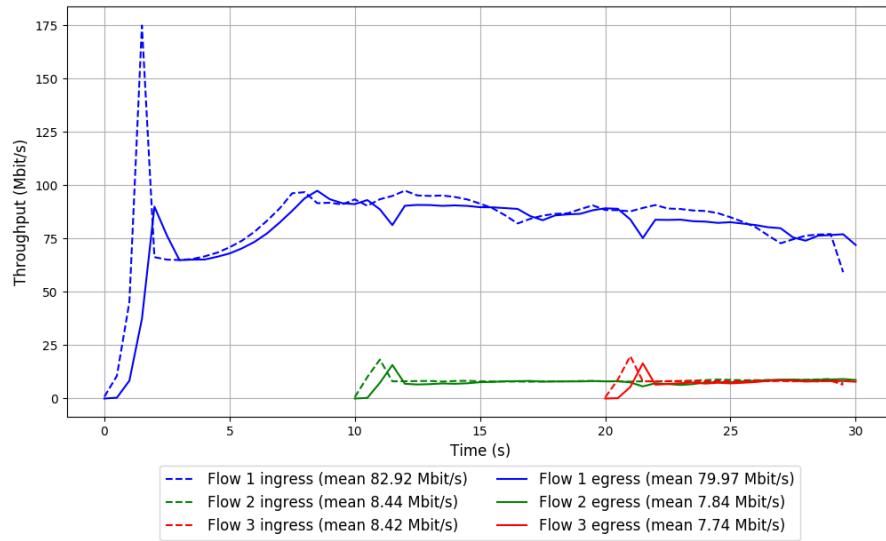


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-05-24 16:30:02
End at: 2018-05-24 16:30:32
Local clock offset: -2.212 ms
Remote clock offset: 4.647 ms

# Below is generated by plot.py at 2018-05-24 17:20:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.73 Mbit/s
95th percentile per-packet one-way delay: 113.298 ms
Loss rate: 3.92%
-- Flow 1:
Average throughput: 79.97 Mbit/s
95th percentile per-packet one-way delay: 113.175 ms
Loss rate: 3.56%
-- Flow 2:
Average throughput: 7.84 Mbit/s
95th percentile per-packet one-way delay: 114.855 ms
Loss rate: 7.15%
-- Flow 3:
Average throughput: 7.74 Mbit/s
95th percentile per-packet one-way delay: 115.032 ms
Loss rate: 8.24%
```

Run 9: Report of PCC-Allegro — Data Link

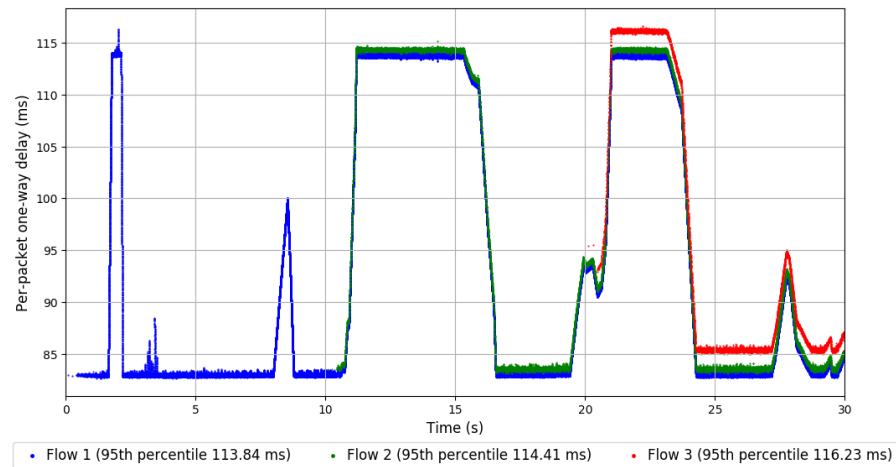
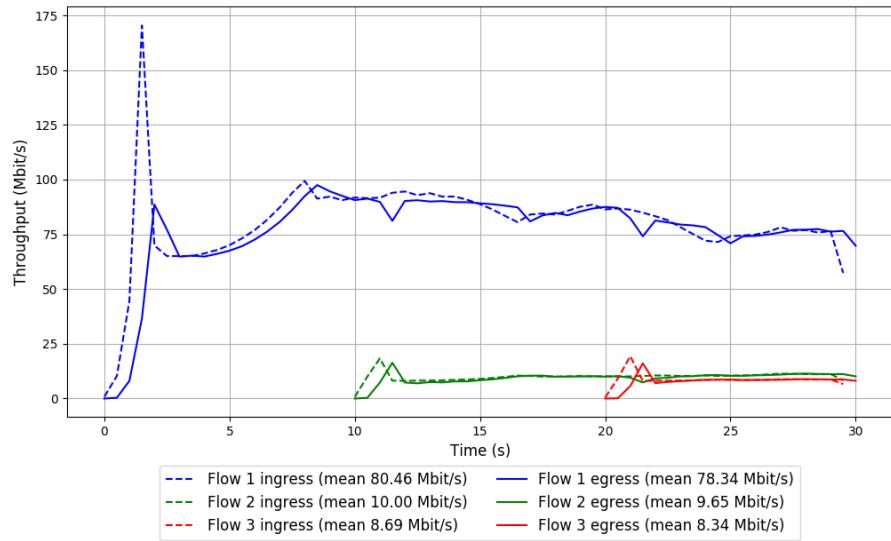


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-05-24 16:49:40
End at: 2018-05-24 16:50:10
Local clock offset: -1.413 ms
Remote clock offset: 7.691 ms

# Below is generated by plot.py at 2018-05-24 17:20:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.50 Mbit/s
95th percentile per-packet one-way delay: 113.885 ms
Loss rate: 2.74%
-- Flow 1:
Average throughput: 78.34 Mbit/s
95th percentile per-packet one-way delay: 113.836 ms
Loss rate: 2.63%
-- Flow 2:
Average throughput: 9.65 Mbit/s
95th percentile per-packet one-way delay: 114.414 ms
Loss rate: 3.48%
-- Flow 3:
Average throughput: 8.34 Mbit/s
95th percentile per-packet one-way delay: 116.233 ms
Loss rate: 4.09%
```

Run 10: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

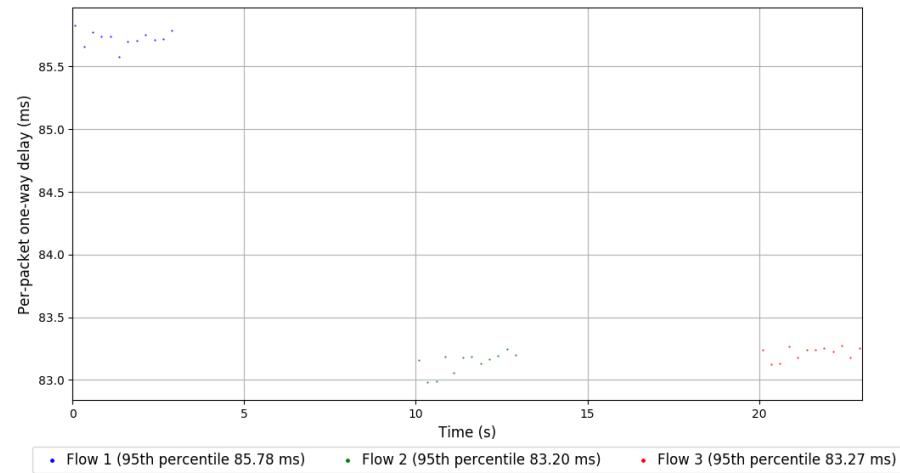
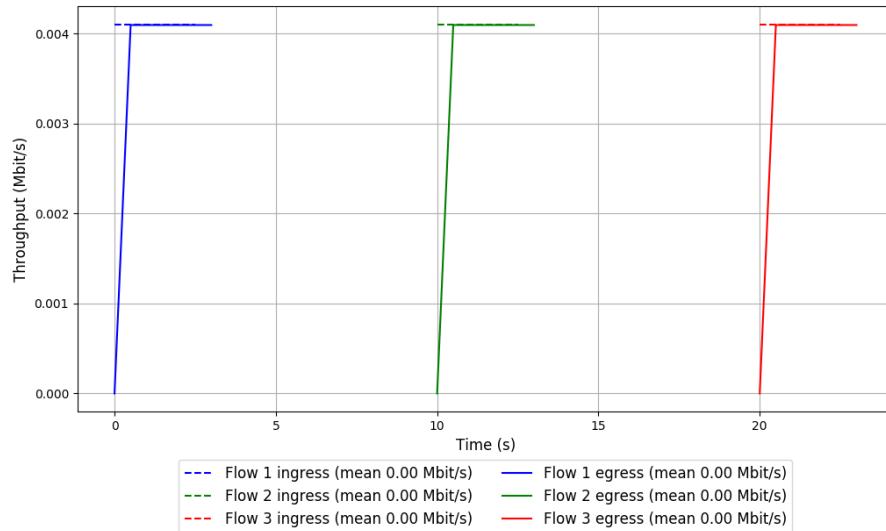
Start at: 2018-05-24 14:06:06

End at: 2018-05-24 14:06:36

Local clock offset: -1.509 ms

Remote clock offset: 8.629 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

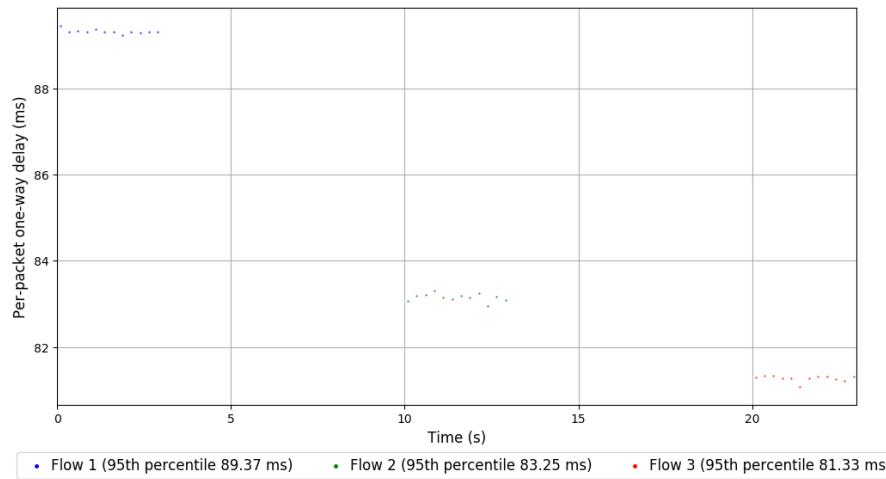
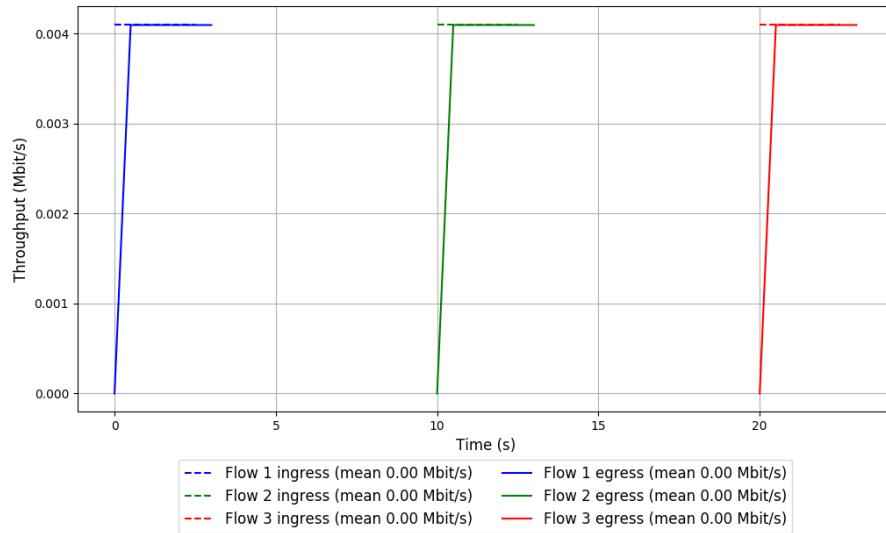
Start at: 2018-05-24 14:25:46

End at: 2018-05-24 14:26:16

Local clock offset: -1.269 ms

Remote clock offset: 10.55 ms

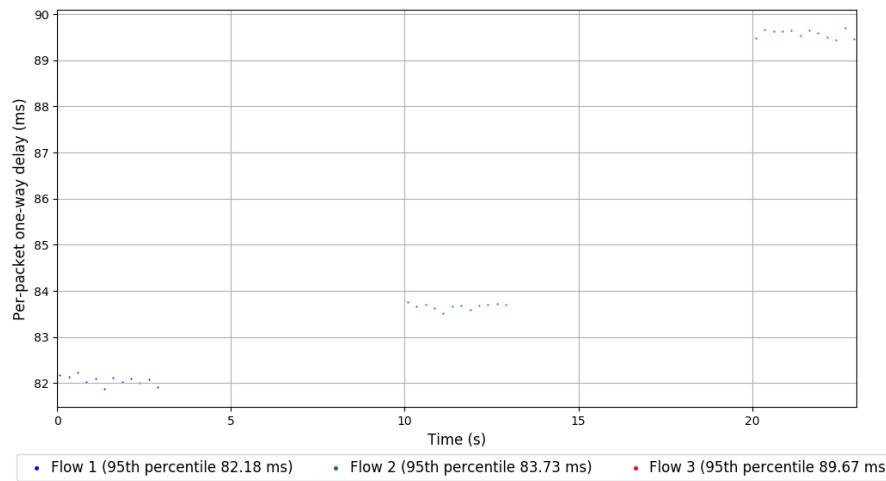
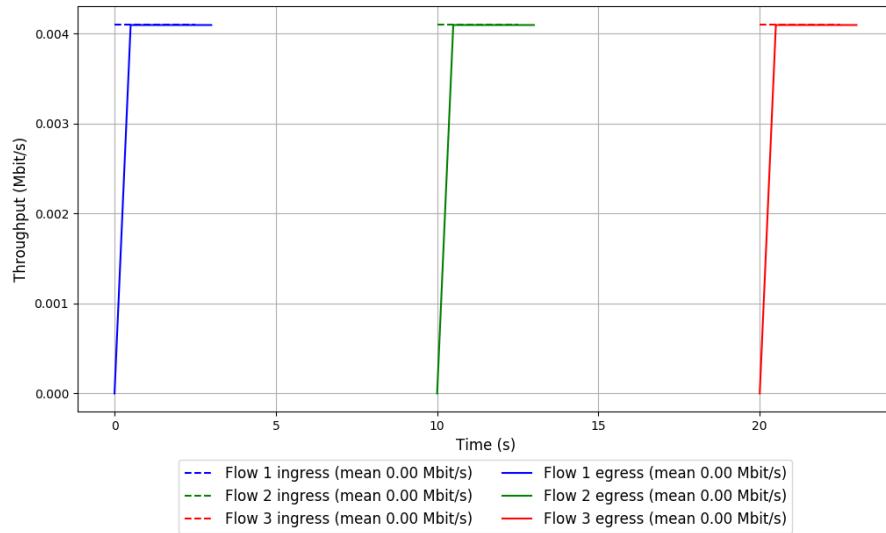
Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2018-05-24 14:45:26
End at: 2018-05-24 14:45:56
Local clock offset: -1.837 ms
Remote clock offset: 22.486 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

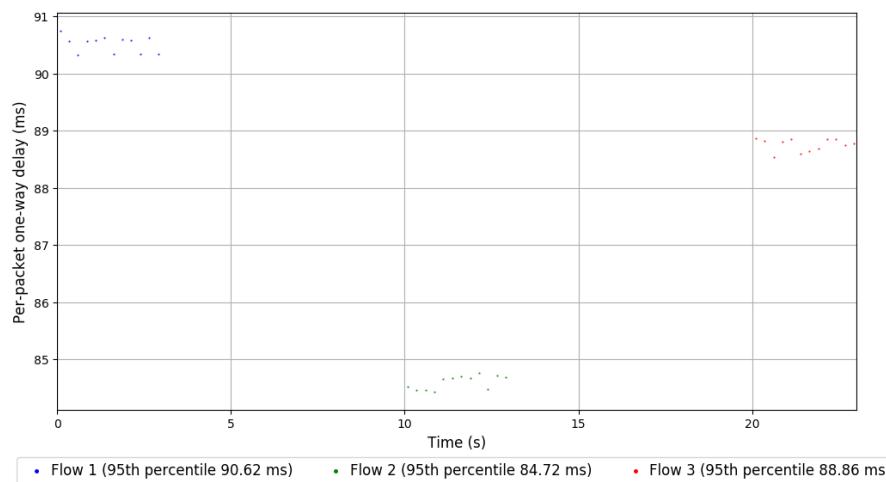
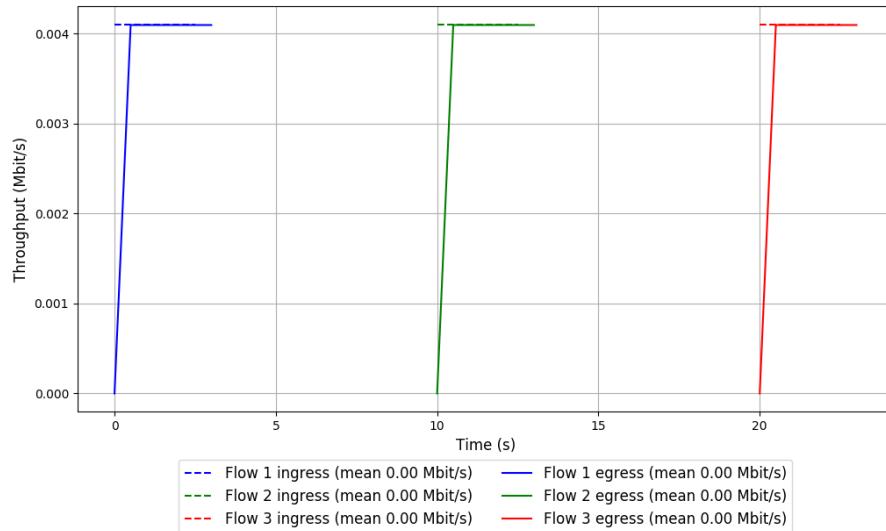
Start at: 2018-05-24 15:05:07

End at: 2018-05-24 15:05:37

Local clock offset: -1.184 ms

Remote clock offset: 28.61 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

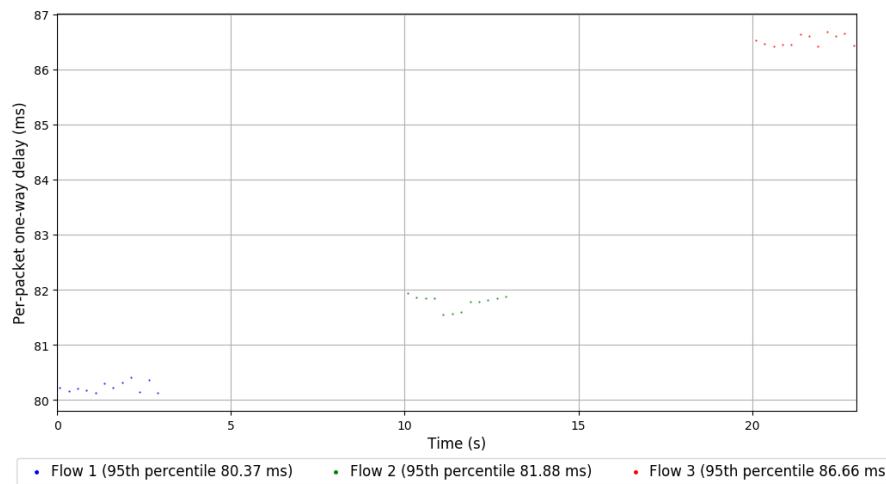
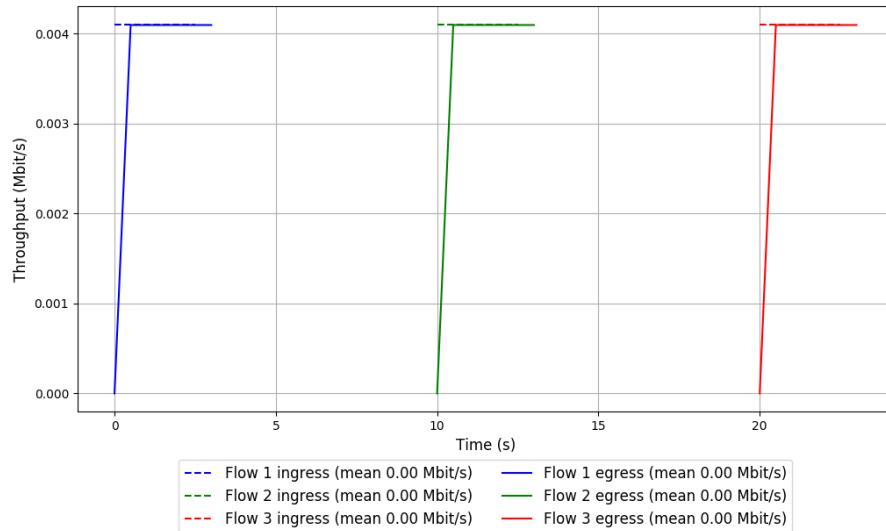
Start at: 2018-05-24 15:24:48

End at: 2018-05-24 15:25:18

Local clock offset: -1.935 ms

Remote clock offset: 27.507 ms

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

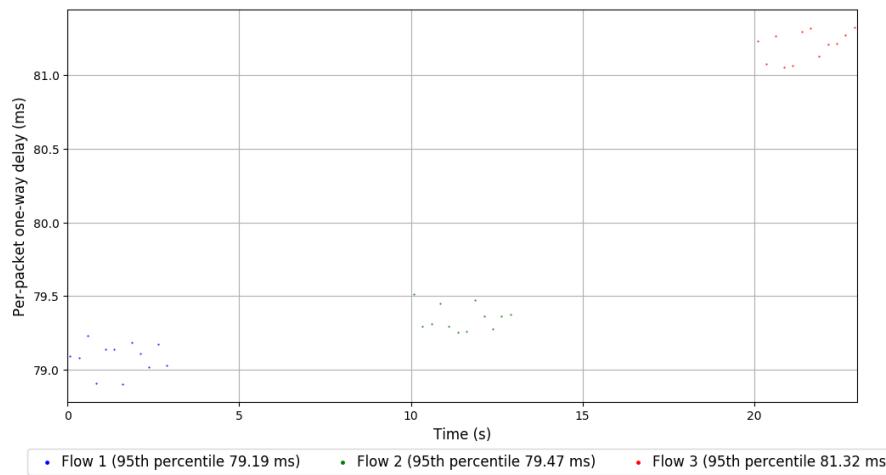
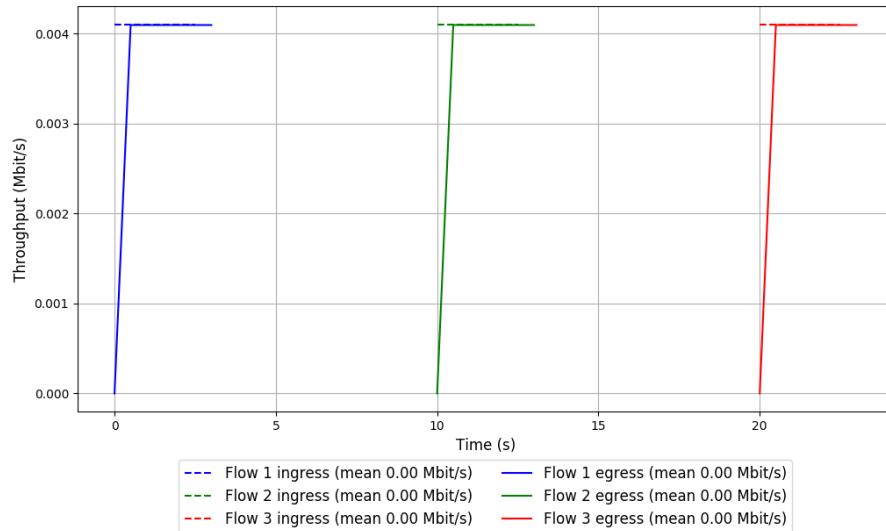
Start at: 2018-05-24 15:44:29

End at: 2018-05-24 15:44:59

Local clock offset: -2.373 ms

Remote clock offset: 6.985 ms

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

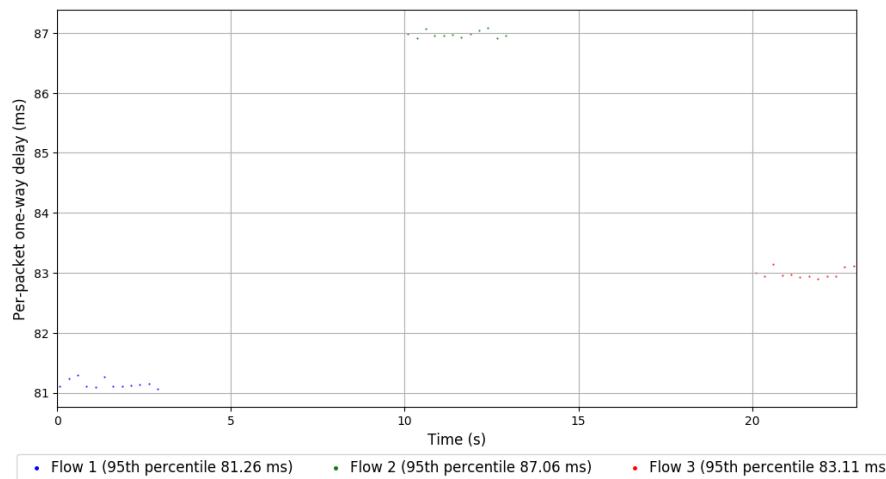
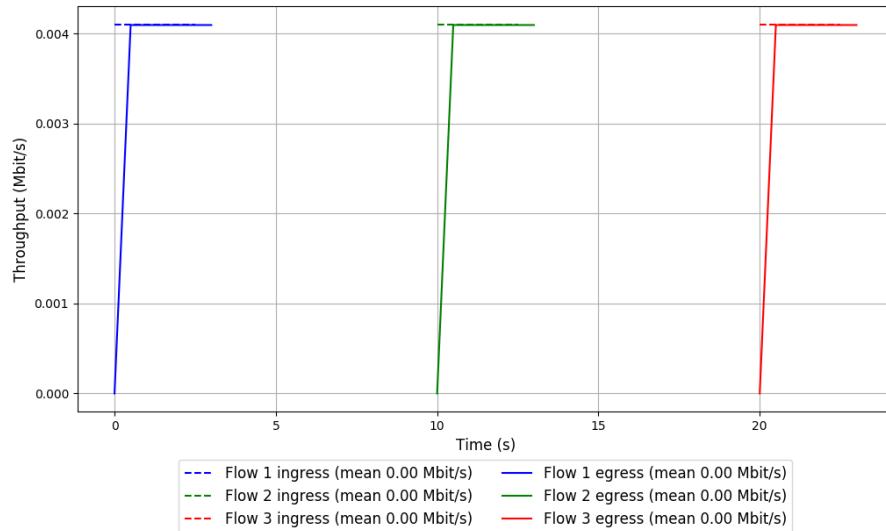
Start at: 2018-05-24 16:04:08

End at: 2018-05-24 16:04:38

Local clock offset: -1.527 ms

Remote clock offset: 0.079 ms

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

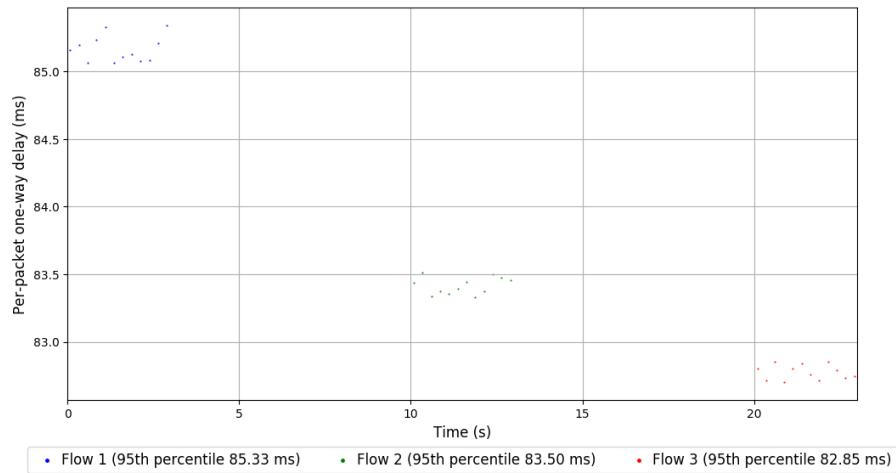
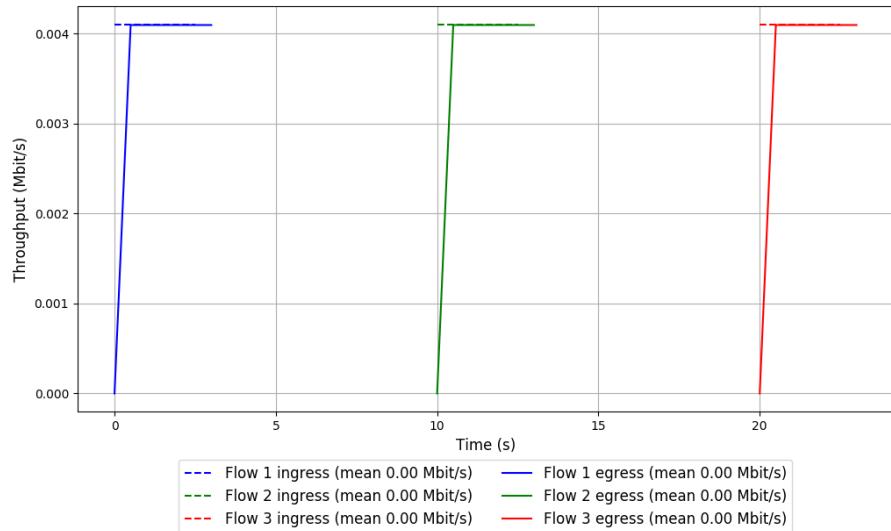
Start at: 2018-05-24 16:23:50

End at: 2018-05-24 16:24:20

Local clock offset: -2.191 ms

Remote clock offset: 5.539 ms

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

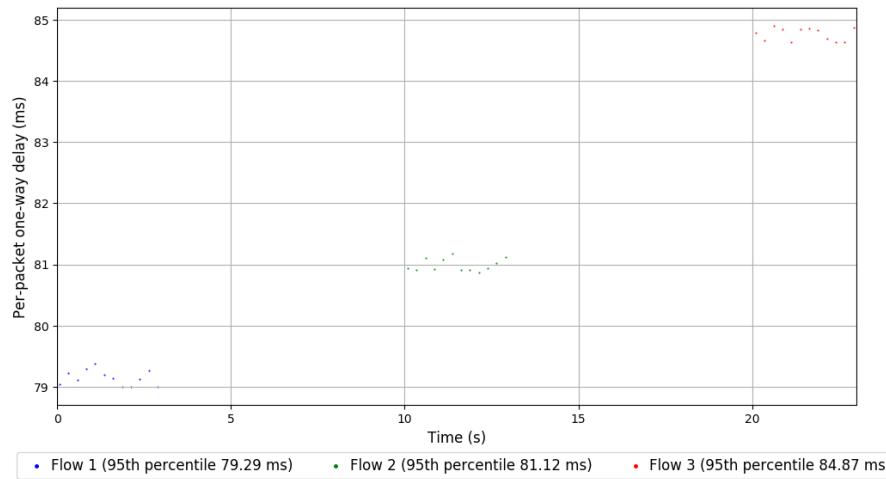
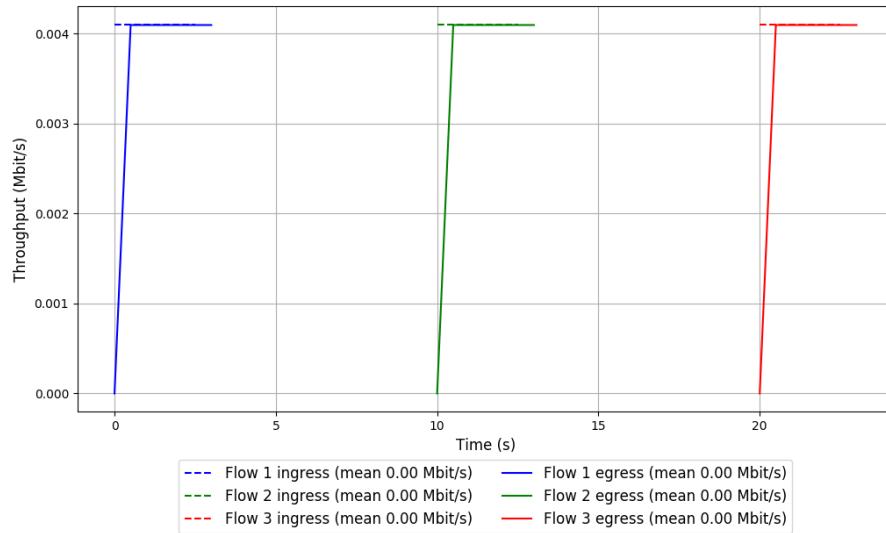
Start at: 2018-05-24 16:43:28

End at: 2018-05-24 16:43:58

Local clock offset: -2.947 ms

Remote clock offset: 1.22 ms

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

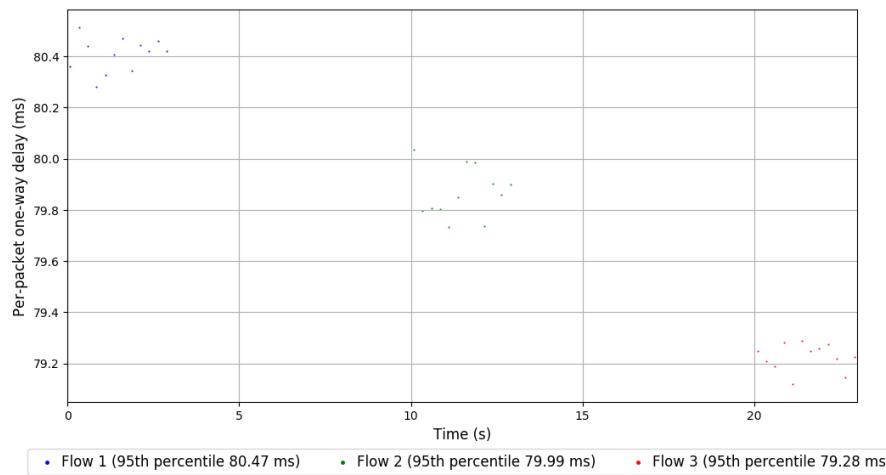
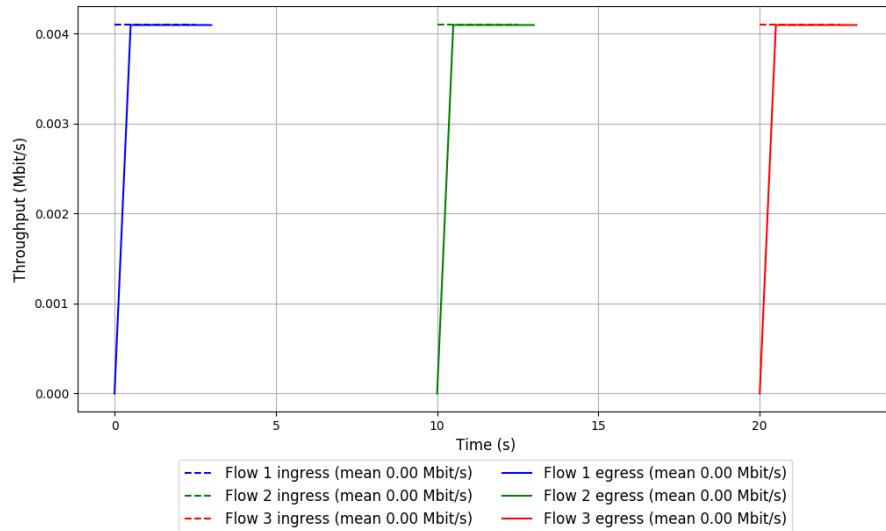
Start at: 2018-05-24 17:03:07

End at: 2018-05-24 17:03:37

Local clock offset: -1.357 ms

Remote clock offset: 2.793 ms

Run 10: Report of PCC-Expr — Data Link

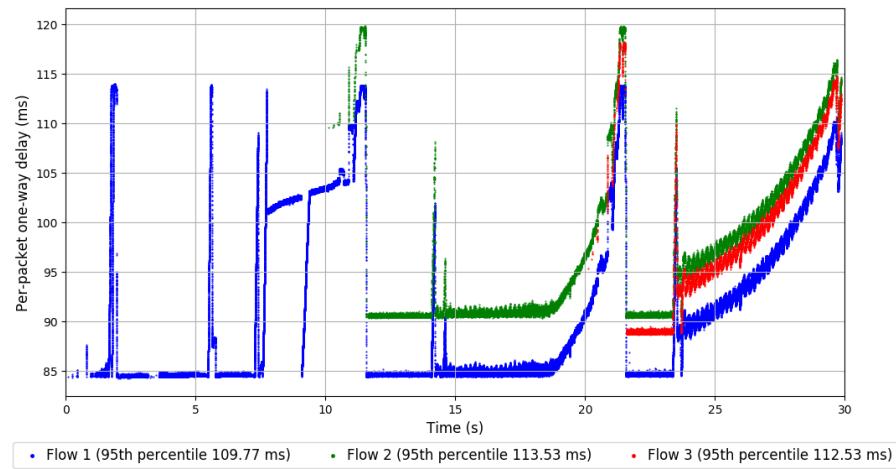
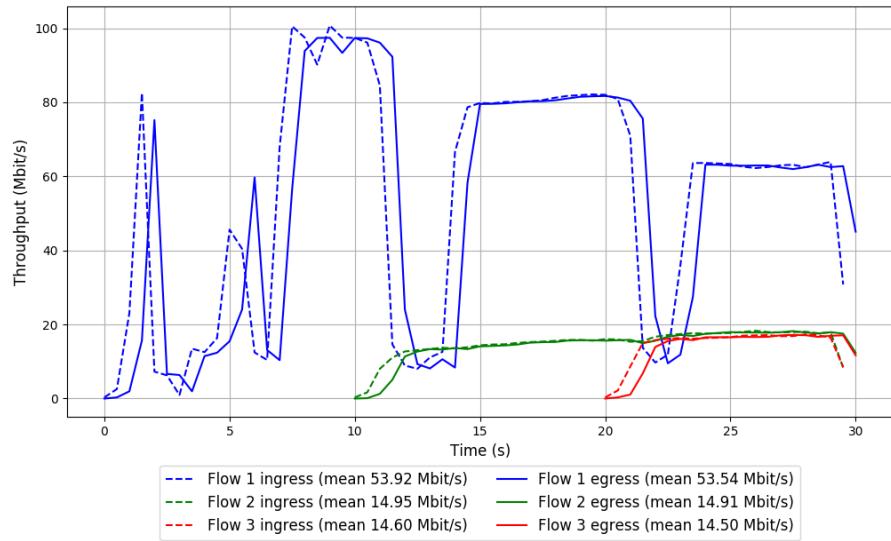


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2018-05-24 13:51:23
End at: 2018-05-24 13:51:53
Local clock offset: -2.634 ms
Remote clock offset: 8.509 ms

# Below is generated by plot.py at 2018-05-24 17:20:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.16 Mbit/s
95th percentile per-packet one-way delay: 111.172 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 53.54 Mbit/s
95th percentile per-packet one-way delay: 109.773 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 14.91 Mbit/s
95th percentile per-packet one-way delay: 113.526 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 14.50 Mbit/s
95th percentile per-packet one-way delay: 112.529 ms
Loss rate: 0.48%
```

Run 1: Report of QUIC Cubic — Data Link

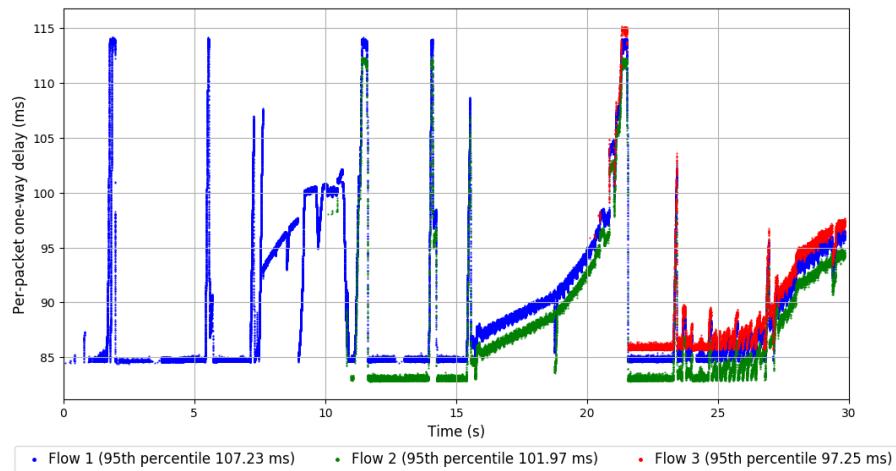
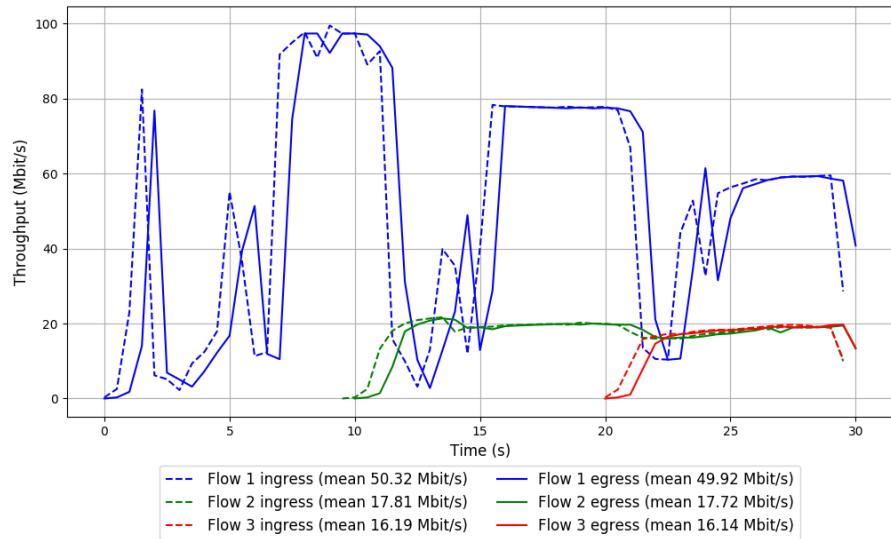


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-05-24 14:11:04
End at: 2018-05-24 14:11:34
Local clock offset: -2.275 ms
Remote clock offset: 7.649 ms

# Below is generated by plot.py at 2018-05-24 17:20:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.96 Mbit/s
95th percentile per-packet one-way delay: 105.480 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 49.92 Mbit/s
95th percentile per-packet one-way delay: 107.231 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 17.72 Mbit/s
95th percentile per-packet one-way delay: 101.971 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 16.14 Mbit/s
95th percentile per-packet one-way delay: 97.254 ms
Loss rate: 0.33%
```

Run 2: Report of QUIC Cubic — Data Link

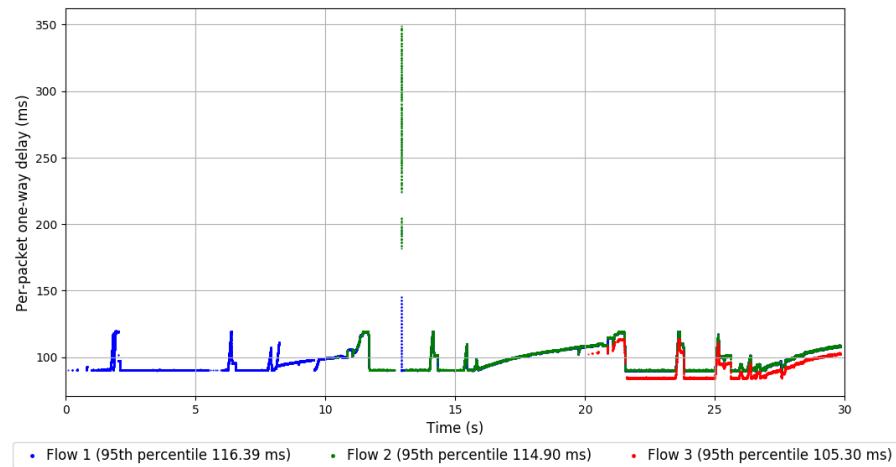
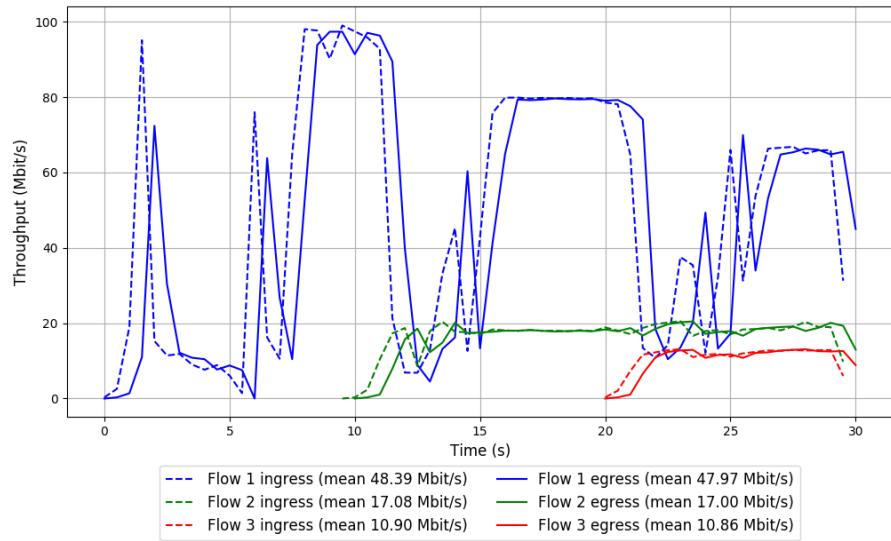


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-05-24 14:30:44
End at: 2018-05-24 14:31:14
Local clock offset: -1.98 ms
Remote clock offset: 16.036 ms

# Below is generated by plot.py at 2018-05-24 17:20:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 62.81 Mbit/s
95th percentile per-packet one-way delay: 116.134 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 47.97 Mbit/s
95th percentile per-packet one-way delay: 116.395 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 17.00 Mbit/s
95th percentile per-packet one-way delay: 114.898 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 10.86 Mbit/s
95th percentile per-packet one-way delay: 105.296 ms
Loss rate: 0.39%
```

Run 3: Report of QUIC Cubic — Data Link

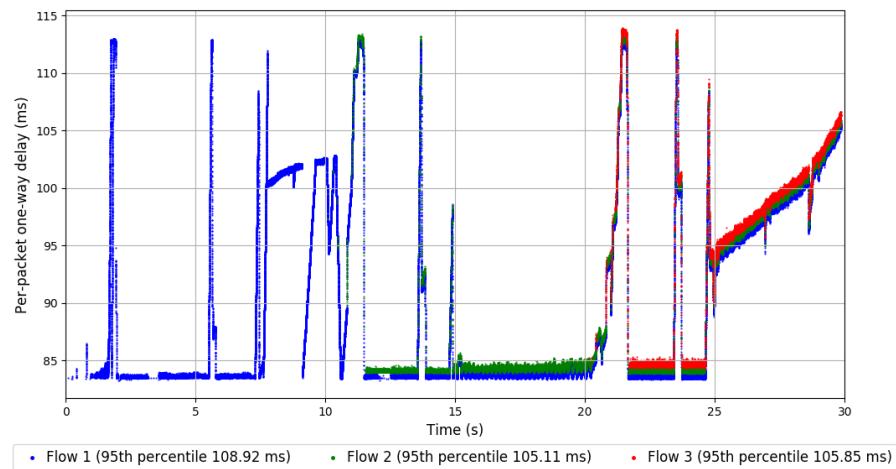
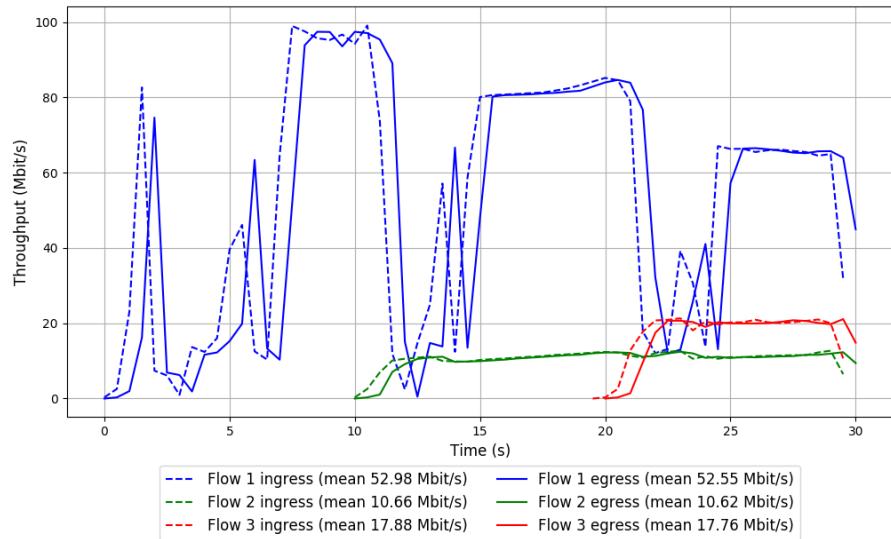


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-05-24 14:50:24
End at: 2018-05-24 14:50:54
Local clock offset: -2.586 ms
Remote clock offset: 24.487 ms

# Below is generated by plot.py at 2018-05-24 17:20:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.42 Mbit/s
95th percentile per-packet one-way delay: 107.542 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 52.55 Mbit/s
95th percentile per-packet one-way delay: 108.917 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 10.62 Mbit/s
95th percentile per-packet one-way delay: 105.115 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 17.76 Mbit/s
95th percentile per-packet one-way delay: 105.852 ms
Loss rate: 0.50%
```

Run 4: Report of QUIC Cubic — Data Link

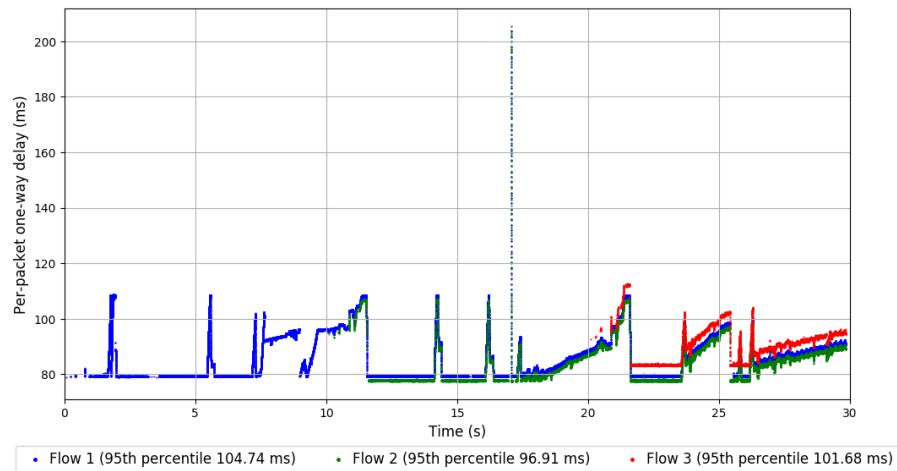
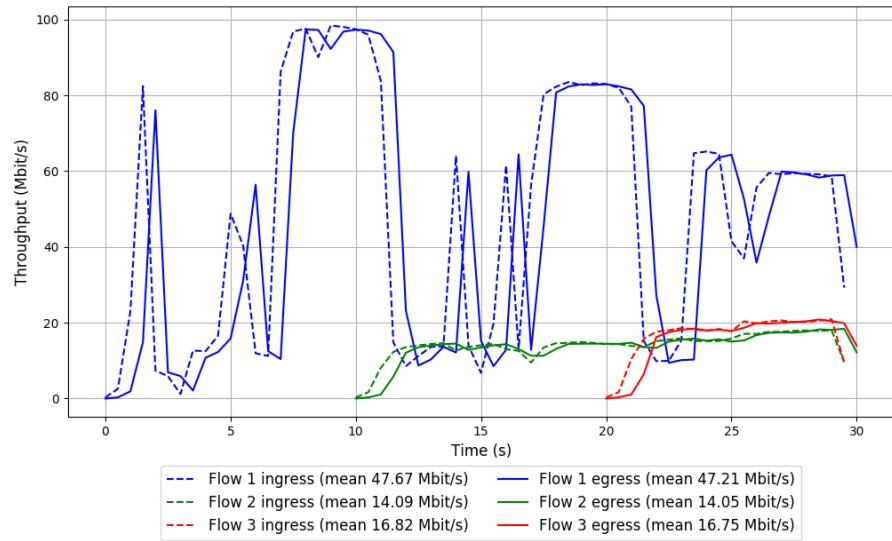


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-05-24 15:10:05
End at: 2018-05-24 15:10:35
Local clock offset: -1.2 ms
Remote clock offset: 23.934 ms

# Below is generated by plot.py at 2018-05-24 17:20:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.99 Mbit/s
95th percentile per-packet one-way delay: 104.144 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 47.21 Mbit/s
95th percentile per-packet one-way delay: 104.738 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 96.911 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 16.75 Mbit/s
95th percentile per-packet one-way delay: 101.677 ms
Loss rate: 0.41%
```

Run 5: Report of QUIC Cubic — Data Link

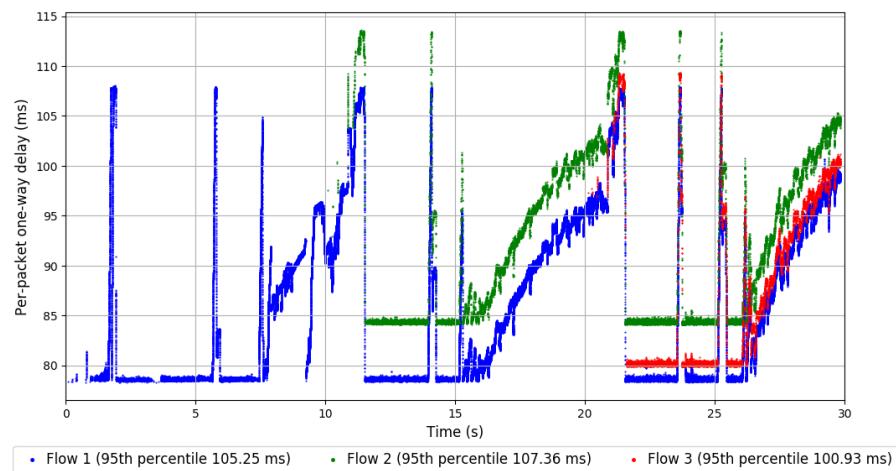
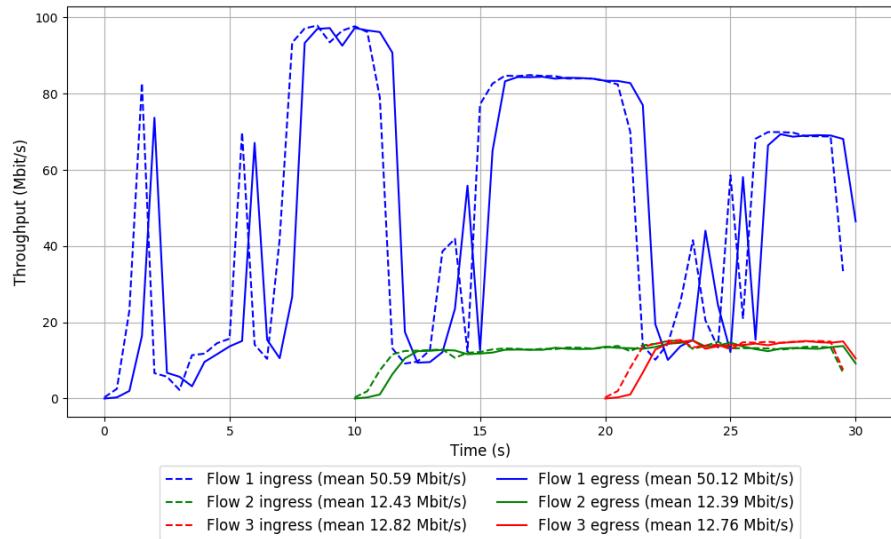


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-05-24 15:29:46
End at: 2018-05-24 15:30:16
Local clock offset: -1.317 ms
Remote clock offset: 28.37 ms

# Below is generated by plot.py at 2018-05-24 17:20:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 62.50 Mbit/s
95th percentile per-packet one-way delay: 105.261 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 105.253 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 12.39 Mbit/s
95th percentile per-packet one-way delay: 107.357 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 12.76 Mbit/s
95th percentile per-packet one-way delay: 100.933 ms
Loss rate: 0.44%
```

Run 6: Report of QUIC Cubic — Data Link

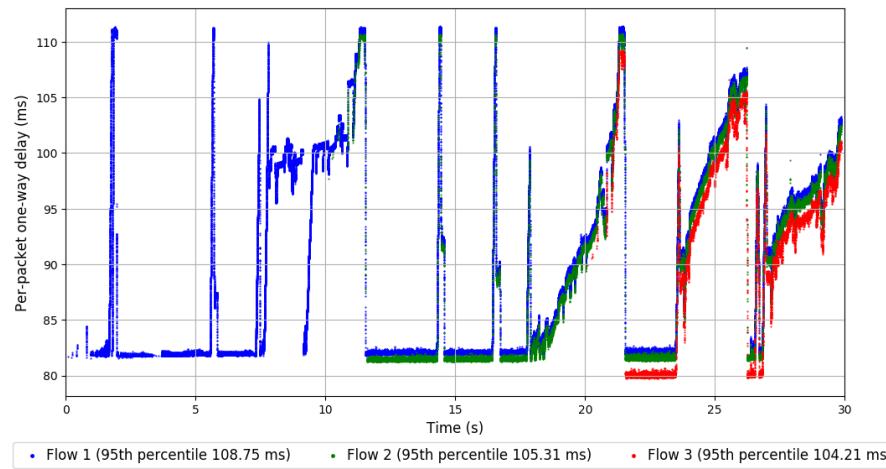
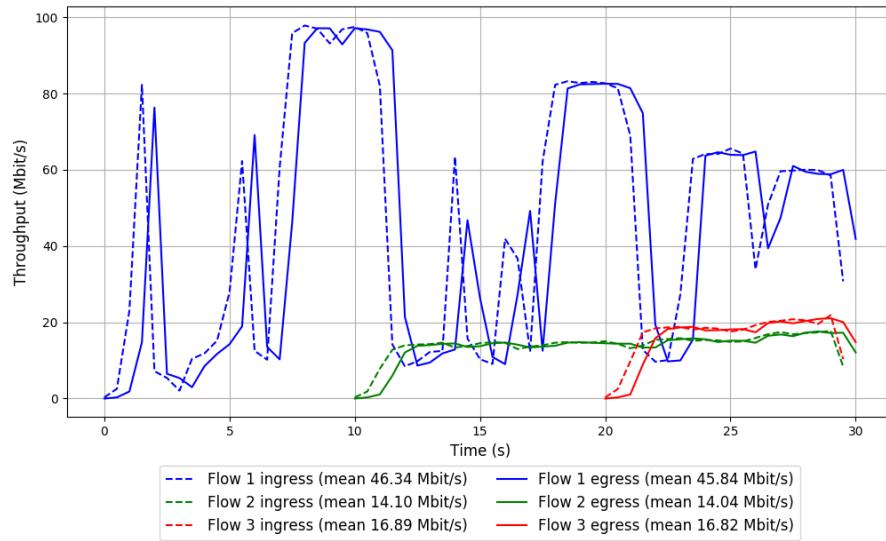


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-05-24 15:49:27
End at: 2018-05-24 15:49:57
Local clock offset: -2.433 ms
Remote clock offset: 3.619 ms

# Below is generated by plot.py at 2018-05-24 17:21:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.67 Mbit/s
95th percentile per-packet one-way delay: 107.449 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 45.84 Mbit/s
95th percentile per-packet one-way delay: 108.745 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 14.04 Mbit/s
95th percentile per-packet one-way delay: 105.309 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 16.82 Mbit/s
95th percentile per-packet one-way delay: 104.207 ms
Loss rate: 0.33%
```

Run 7: Report of QUIC Cubic — Data Link

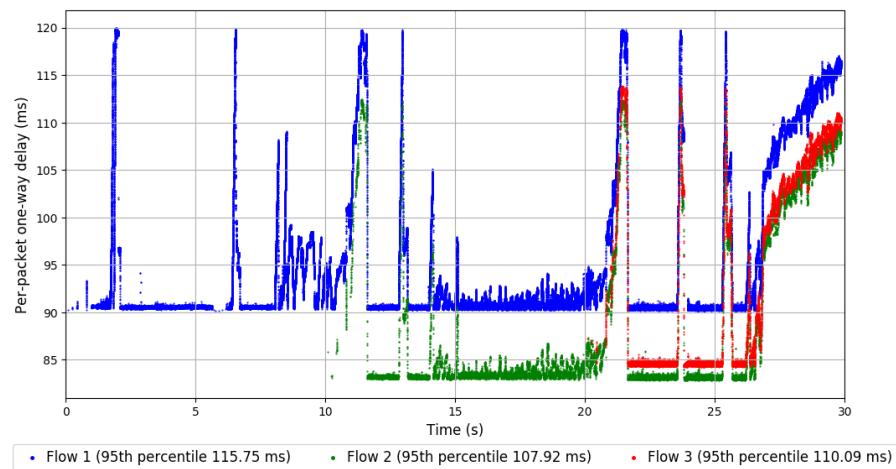
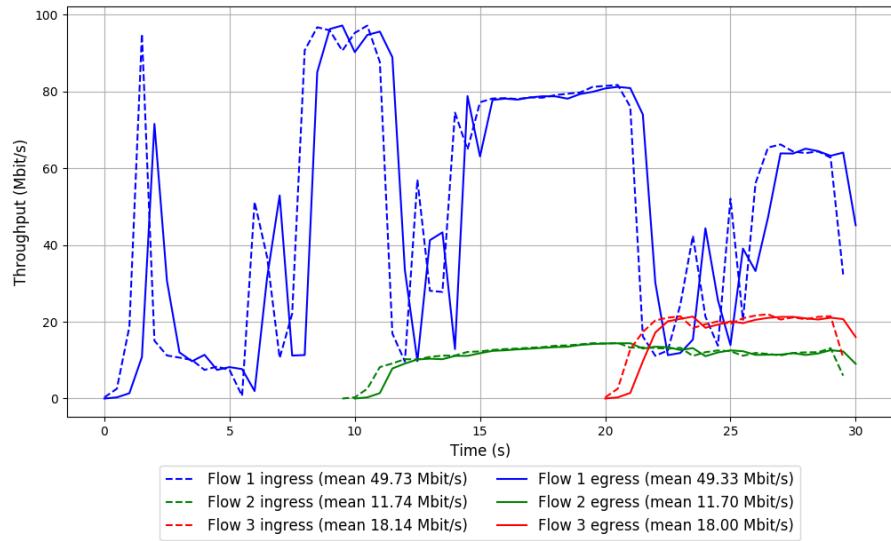


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-05-24 16:09:06
End at: 2018-05-24 16:09:36
Local clock offset: -1.529 ms
Remote clock offset: 3.263 ms

# Below is generated by plot.py at 2018-05-24 17:21:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.01 Mbit/s
95th percentile per-packet one-way delay: 115.108 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 49.33 Mbit/s
95th percentile per-packet one-way delay: 115.755 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 11.70 Mbit/s
95th percentile per-packet one-way delay: 107.918 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 18.00 Mbit/s
95th percentile per-packet one-way delay: 110.091 ms
Loss rate: 0.52%
```

Run 8: Report of QUIC Cubic — Data Link

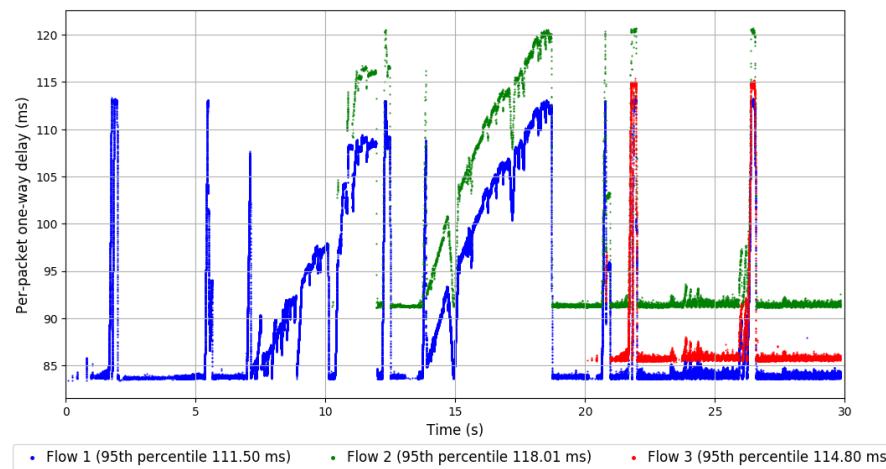
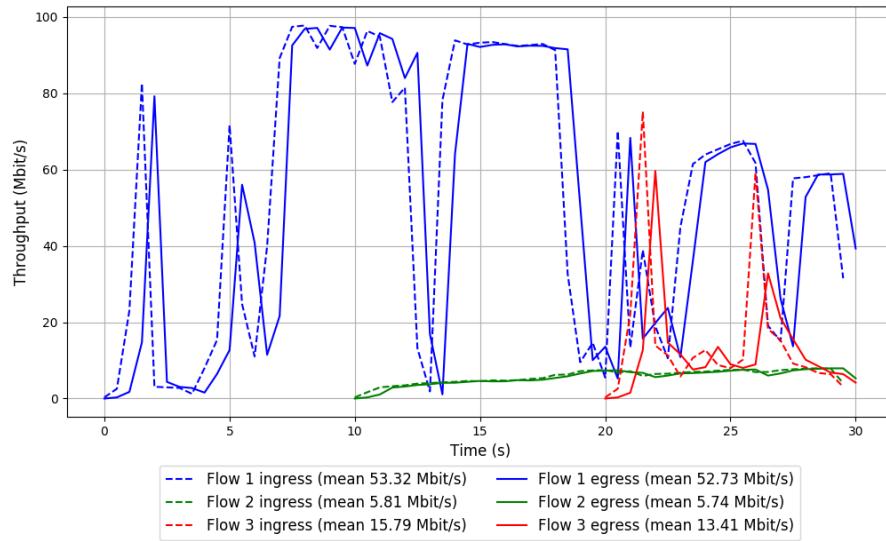


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-05-24 16:28:48
End at: 2018-05-24 16:29:18
Local clock offset: -2.193 ms
Remote clock offset: 6.25 ms

# Below is generated by plot.py at 2018-05-24 17:21:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.92 Mbit/s
95th percentile per-packet one-way delay: 112.126 ms
Loss rate: 2.28%
-- Flow 1:
Average throughput: 52.73 Mbit/s
95th percentile per-packet one-way delay: 111.503 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 5.74 Mbit/s
95th percentile per-packet one-way delay: 118.014 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 114.798 ms
Loss rate: 15.07%
```

Run 9: Report of QUIC Cubic — Data Link

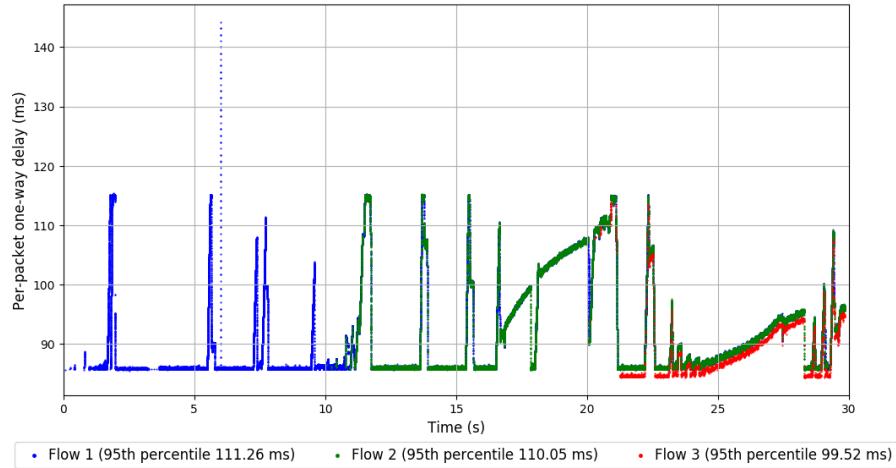
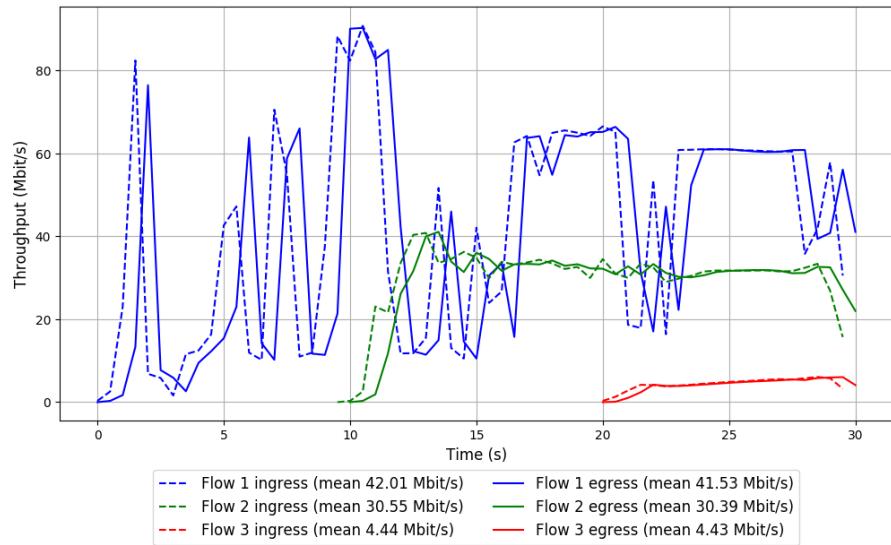


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-05-24 16:48:26
End at: 2018-05-24 16:48:56
Local clock offset: -3.012 ms
Remote clock offset: 5.92 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.17 Mbit/s
95th percentile per-packet one-way delay: 110.820 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 41.53 Mbit/s
95th percentile per-packet one-way delay: 111.256 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 30.39 Mbit/s
95th percentile per-packet one-way delay: 110.053 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 99.517 ms
Loss rate: 0.34%
```

Run 10: Report of QUIC Cubic — Data Link

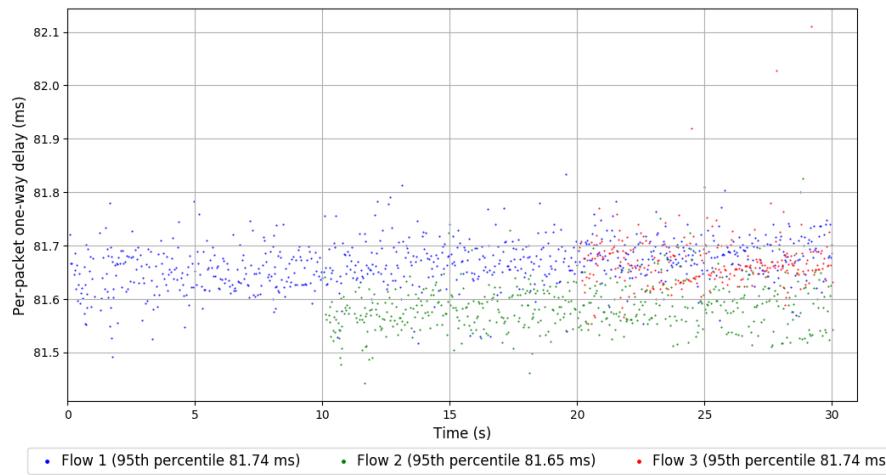
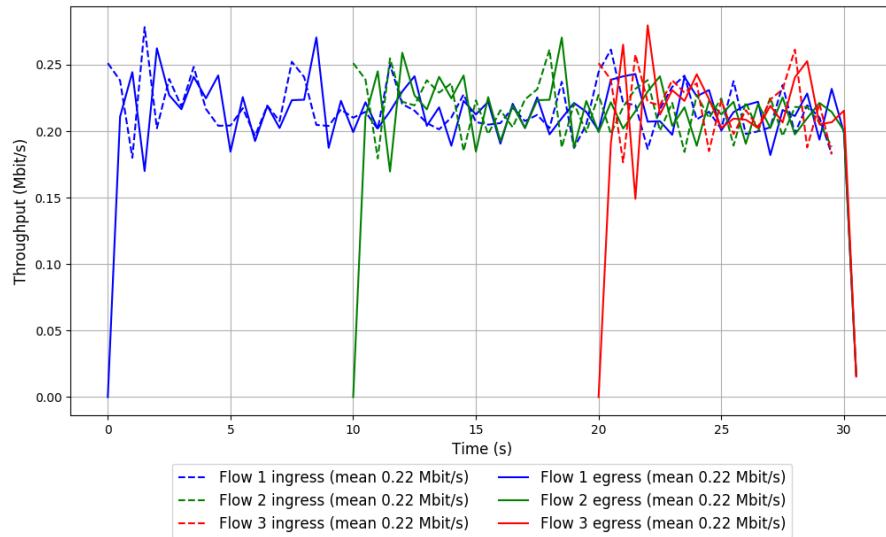


Run 1: Statistics of SCReAM

```
Start at: 2018-05-24 14:00:00
End at: 2018-05-24 14:00:30
Local clock offset: -1.674 ms
Remote clock offset: 7.239 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 81.725 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.737 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.652 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.737 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

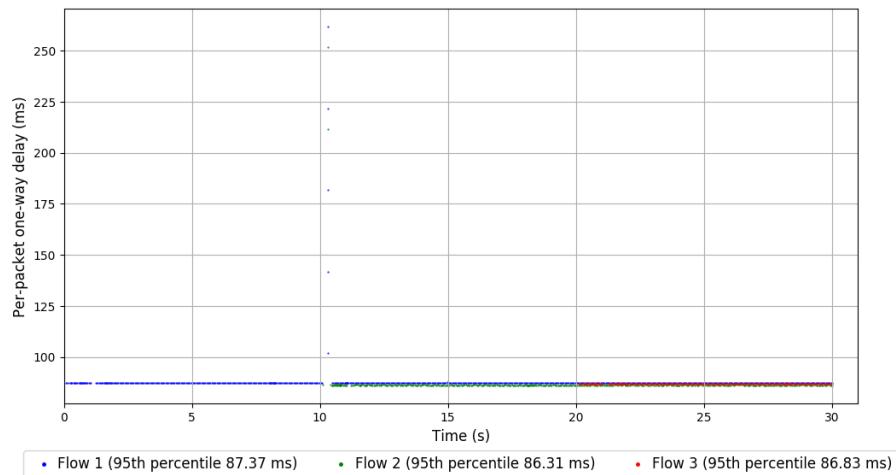
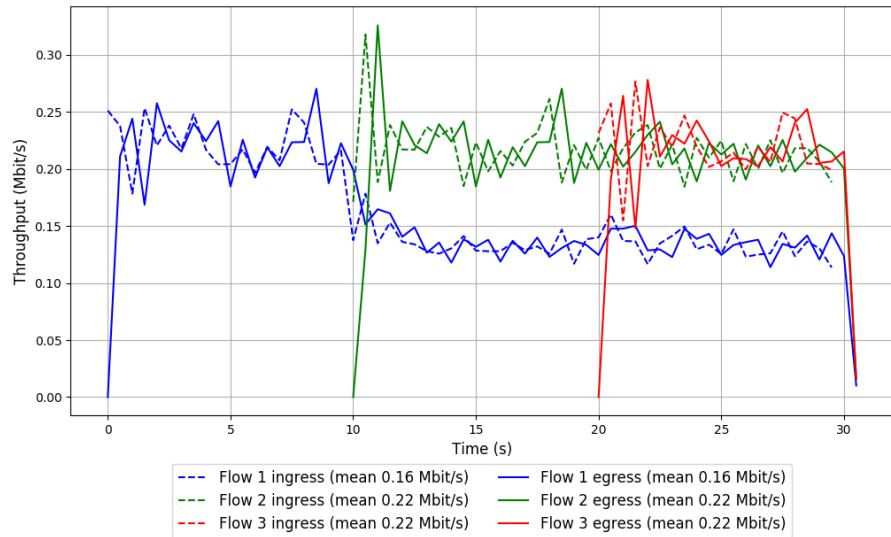


Run 2: Statistics of SCReAM

```
Start at: 2018-05-24 14:19:39
End at: 2018-05-24 14:20:09
Local clock offset: -2.841 ms
Remote clock offset: 8.293 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 87.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 87.368 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.311 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.834 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

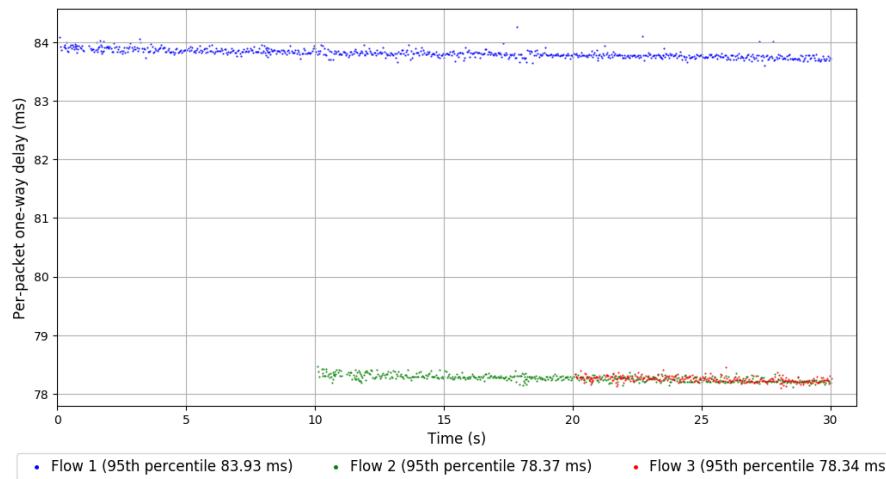
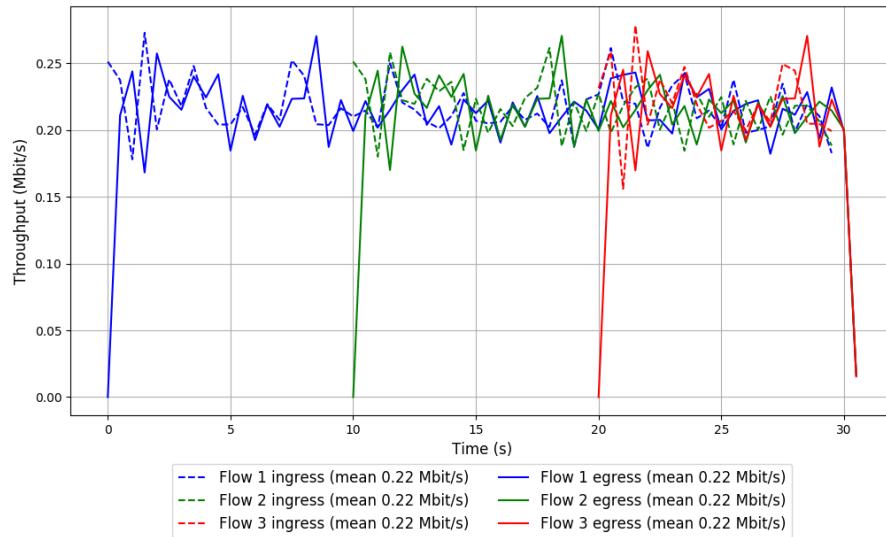


Run 3: Statistics of SCReAM

```
Start at: 2018-05-24 14:39:19
End at: 2018-05-24 14:39:49
Local clock offset: -1.892 ms
Remote clock offset: 16.459 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 83.902 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.931 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.374 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.337 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

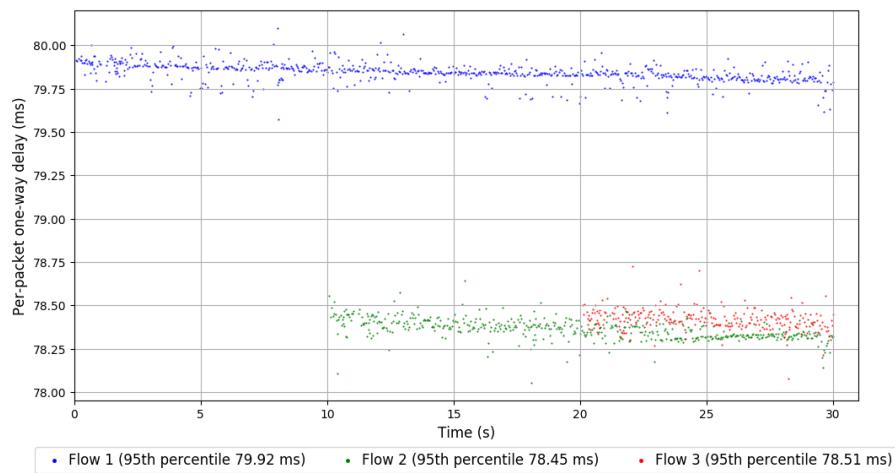
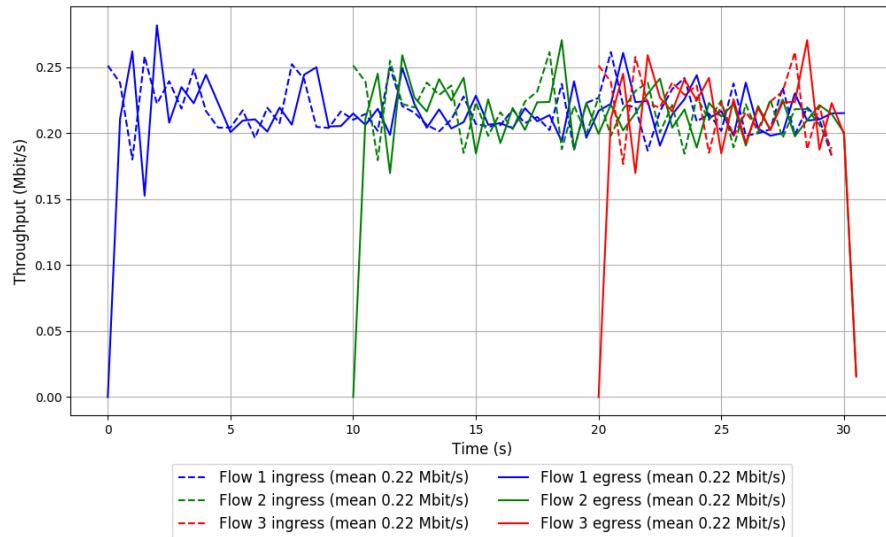


Run 4: Statistics of SCReAM

```
Start at: 2018-05-24 14:59:00
End at: 2018-05-24 14:59:30
Local clock offset: -1.88 ms
Remote clock offset: 21.884 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 79.903 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.925 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.454 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.508 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

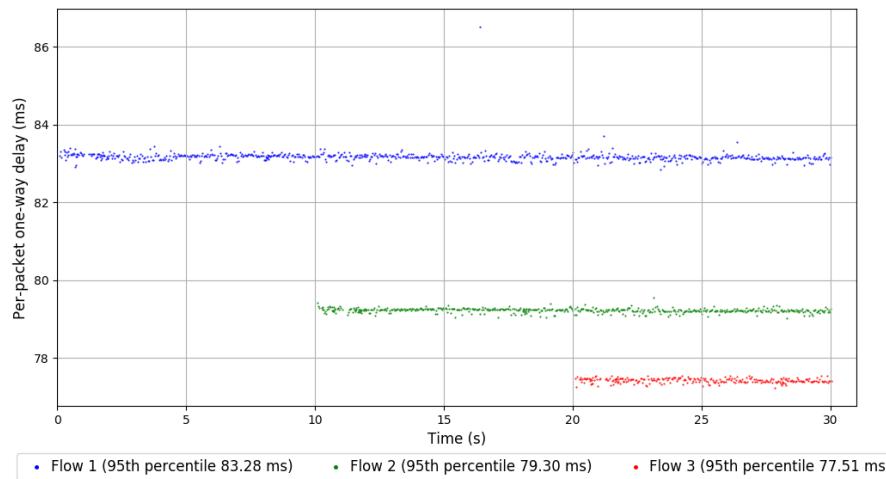
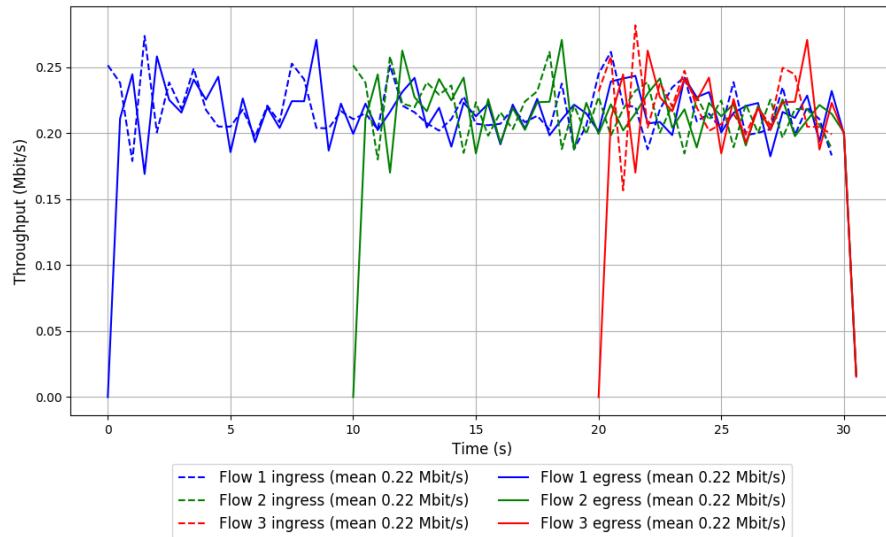


Run 5: Statistics of SCReAM

```
Start at: 2018-05-24 15:18:40
End at: 2018-05-24 15:19:10
Local clock offset: -1.239 ms
Remote clock offset: 25.517 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 83.244 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.278 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.299 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.506 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

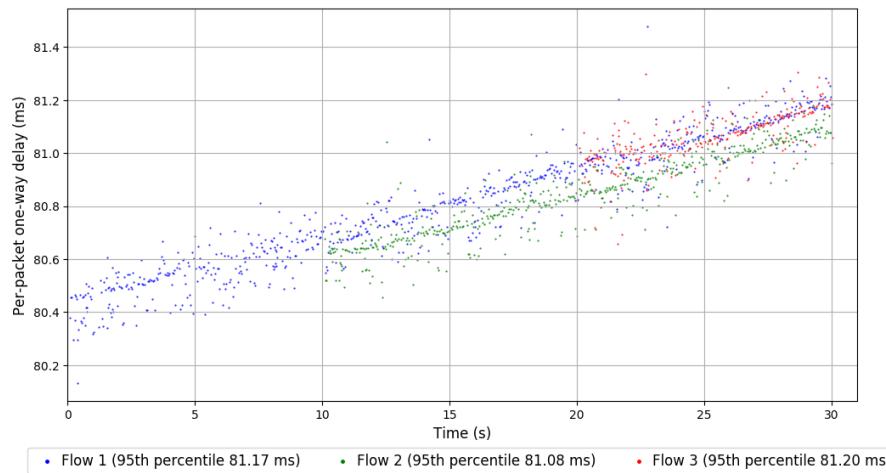
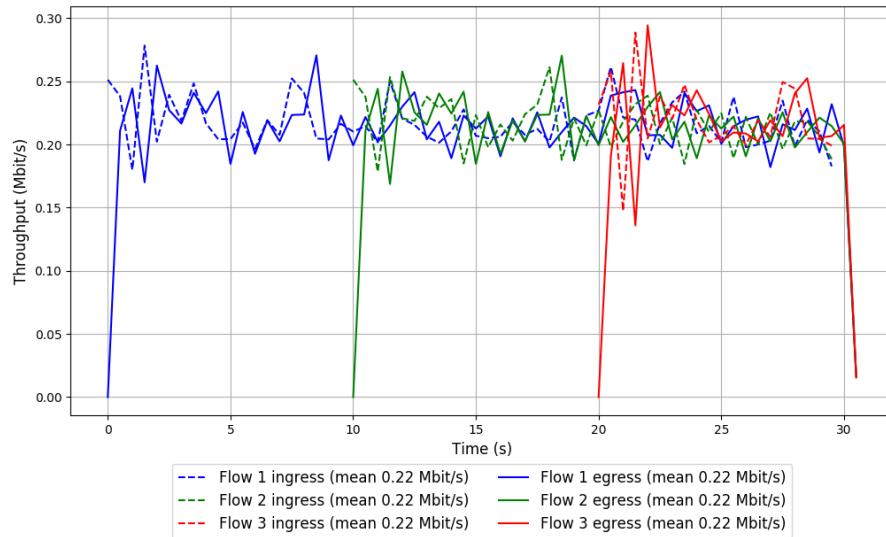


Run 6: Statistics of SCReAM

```
Start at: 2018-05-24 15:38:21
End at: 2018-05-24 15:38:51
Local clock offset: -2.278 ms
Remote clock offset: 13.53 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 81.160 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.169 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.084 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.204 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

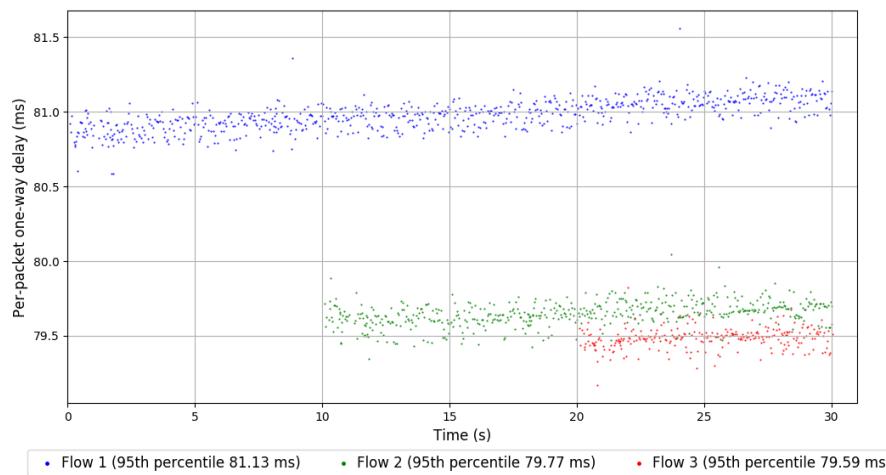
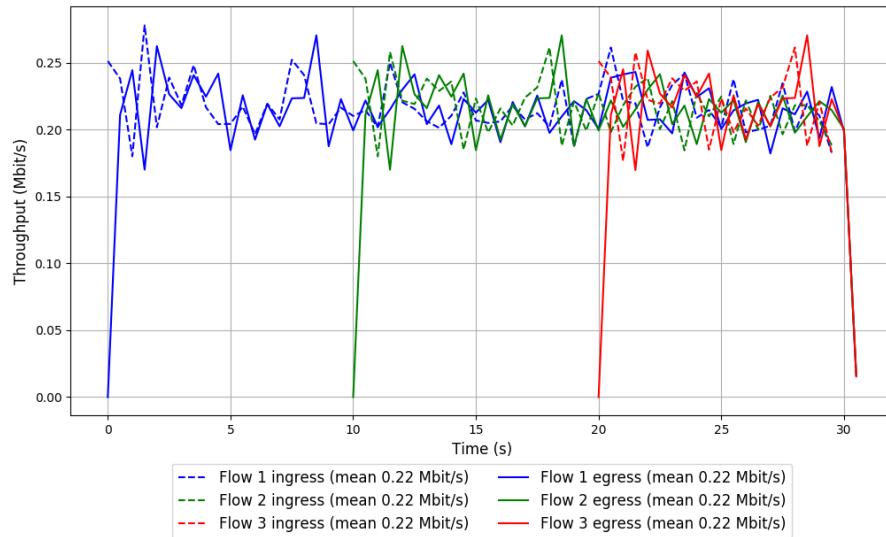


Run 7: Statistics of SCReAM

```
Start at: 2018-05-24 15:58:01
End at: 2018-05-24 15:58:31
Local clock offset: -2.427 ms
Remote clock offset: -0.73 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 81.106 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.132 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.771 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.591 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

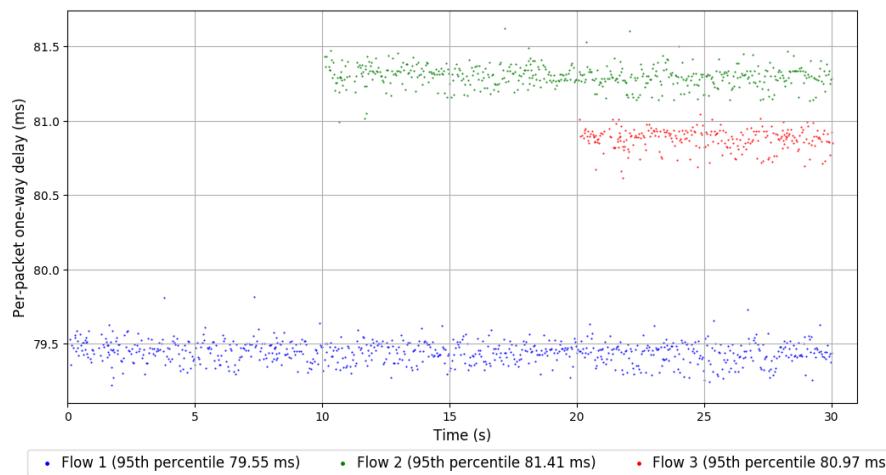
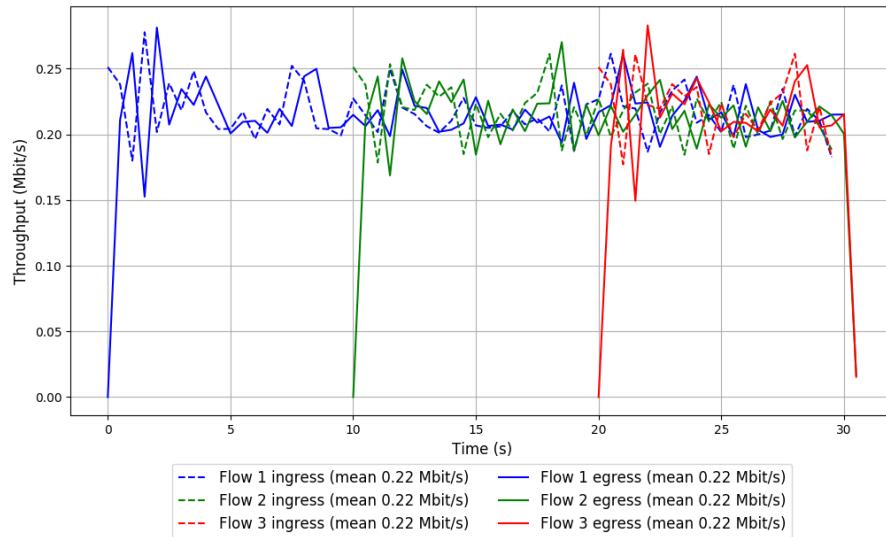


Run 8: Statistics of SCReAM

```
Start at: 2018-05-24 16:17:42
End at: 2018-05-24 16:18:12
Local clock offset: -2.219 ms
Remote clock offset: 1.272 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 81.367 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.554 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.408 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.974 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

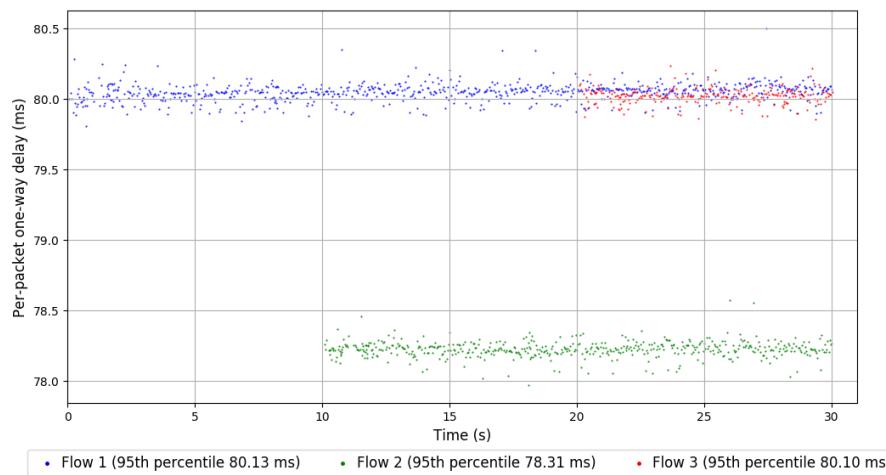
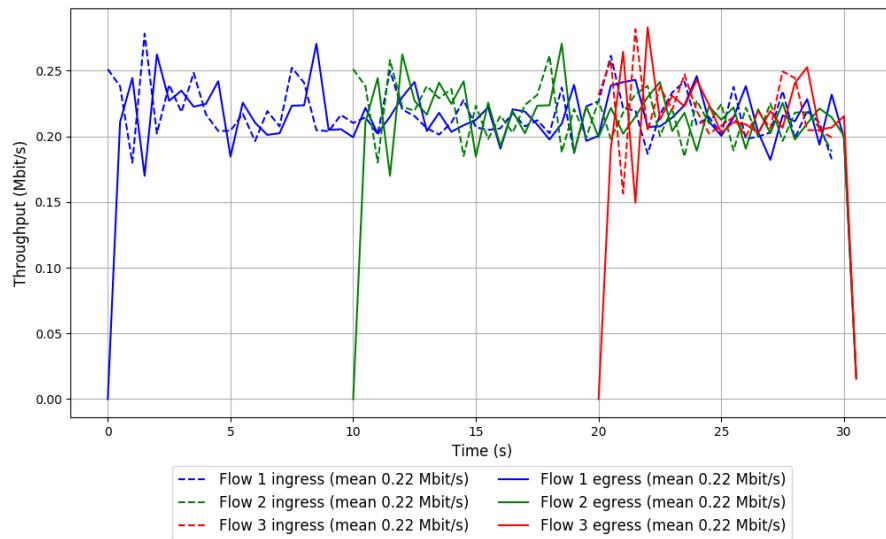


Run 9: Statistics of SCReAM

```
Start at: 2018-05-24 16:37:22
End at: 2018-05-24 16:37:52
Local clock offset: -2.219 ms
Remote clock offset: 0.252 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 80.110 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.132 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.306 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.100 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

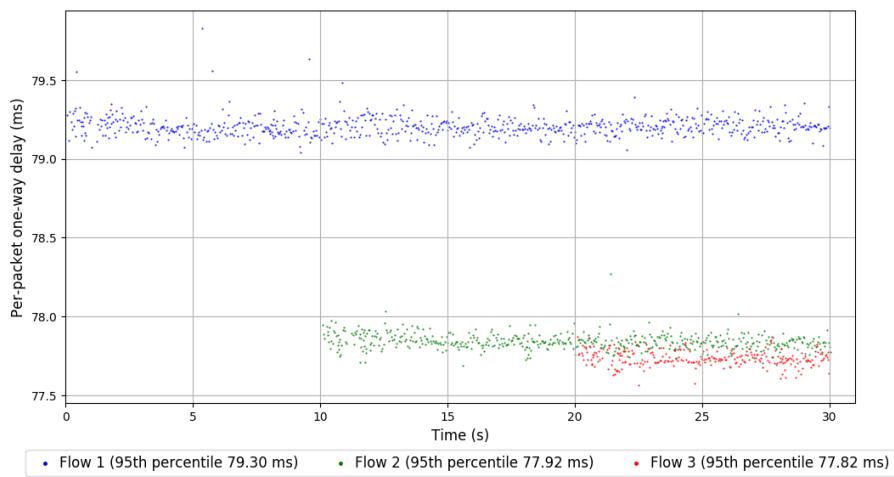
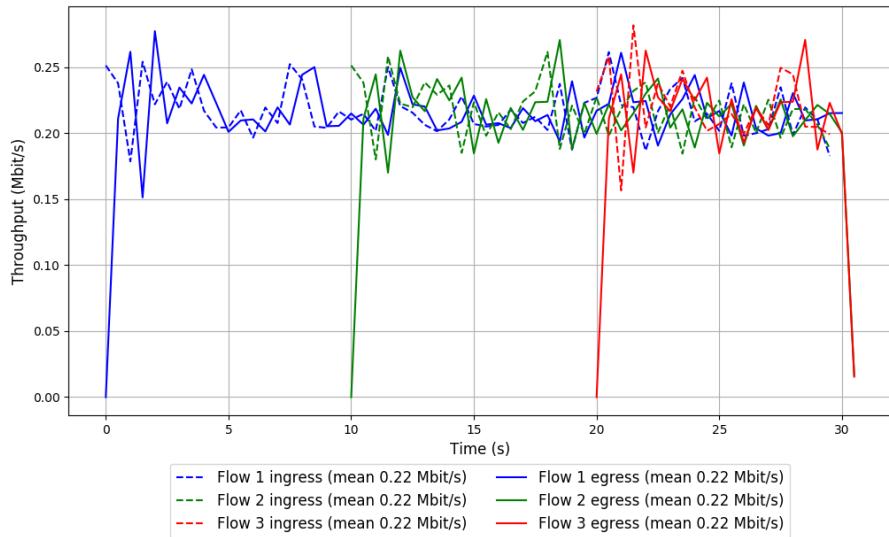


Run 10: Statistics of SCReAM

```
Start at: 2018-05-24 16:57:00
End at: 2018-05-24 16:57:30
Local clock offset: -1.382 ms
Remote clock offset: 2.685 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 79.276 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.299 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.923 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.818 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

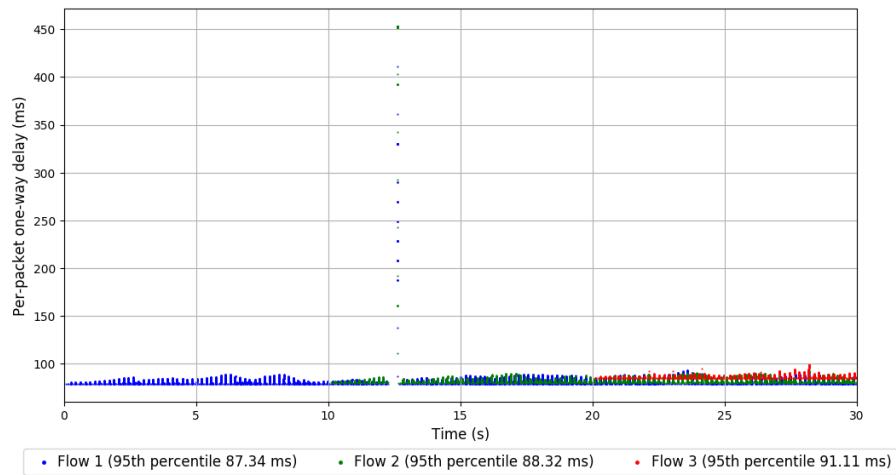
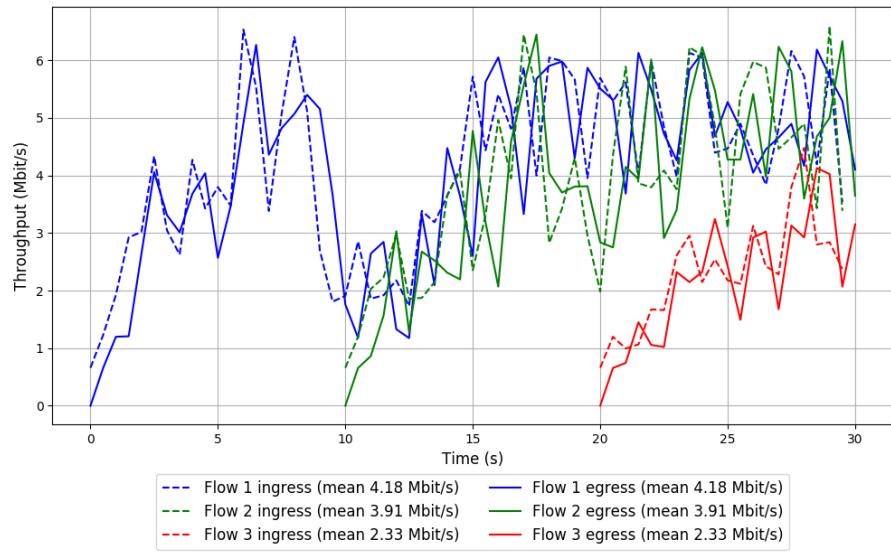


Run 1: Statistics of Sprout

```
Start at: 2018-05-24 13:57:35
End at: 2018-05-24 13:58:05
Local clock offset: -2.515 ms
Remote clock offset: 4.361 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.54 Mbit/s
95th percentile per-packet one-way delay: 88.478 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 87.338 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 88.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 91.111 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

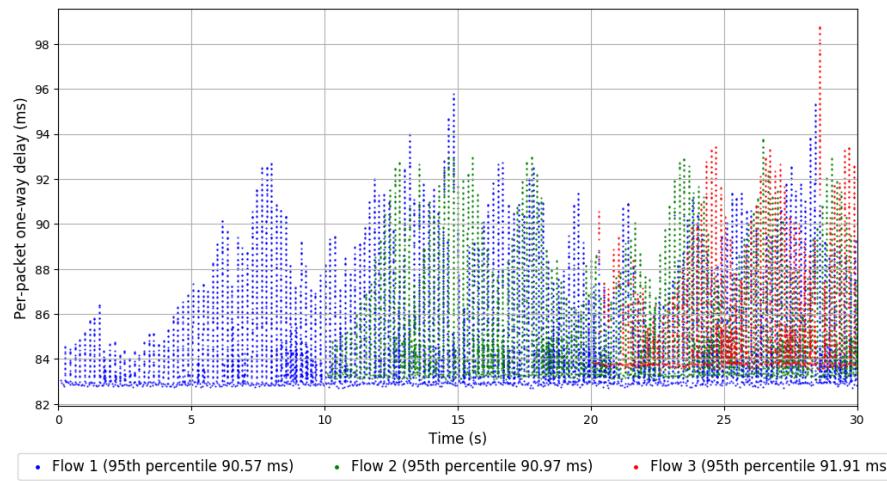
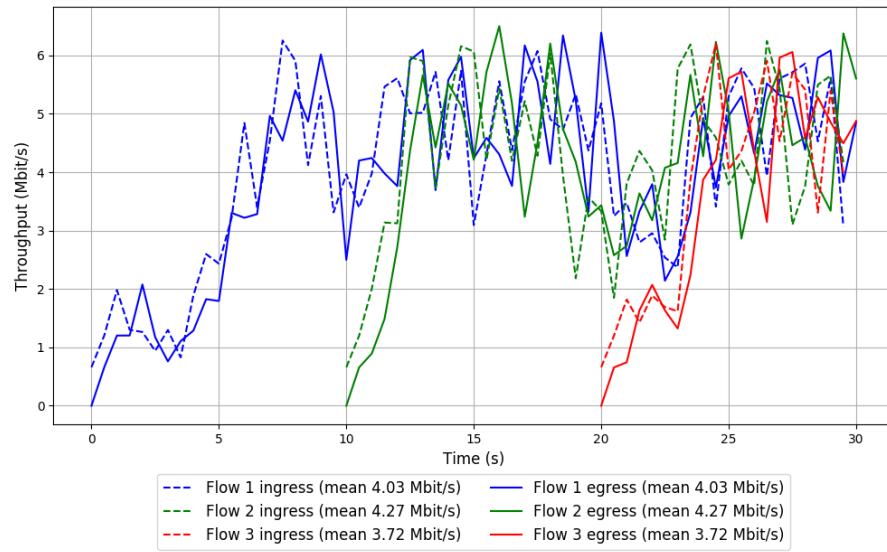


Run 2: Statistics of Sprout

```
Start at: 2018-05-24 14:17:15
End at: 2018-05-24 14:17:45
Local clock offset: -2.105 ms
Remote clock offset: 7.447 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.09 Mbit/s
95th percentile per-packet one-way delay: 90.931 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 90.567 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.27 Mbit/s
95th percentile per-packet one-way delay: 90.965 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 91.910 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

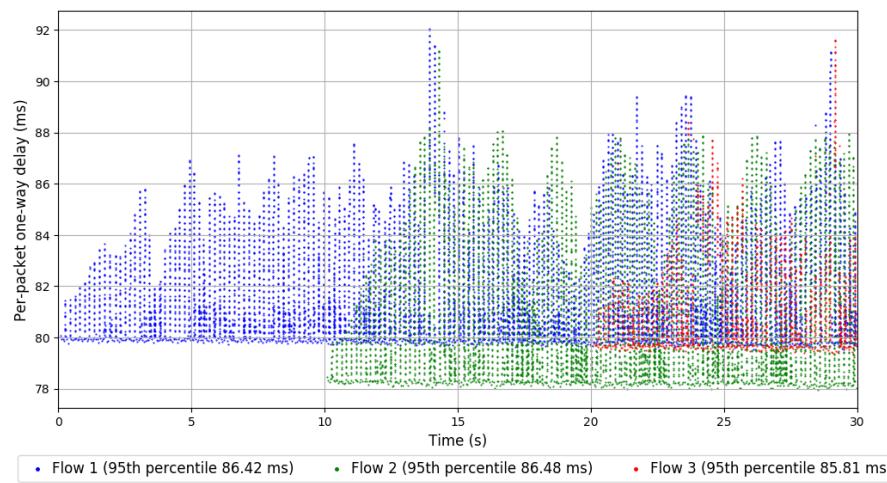
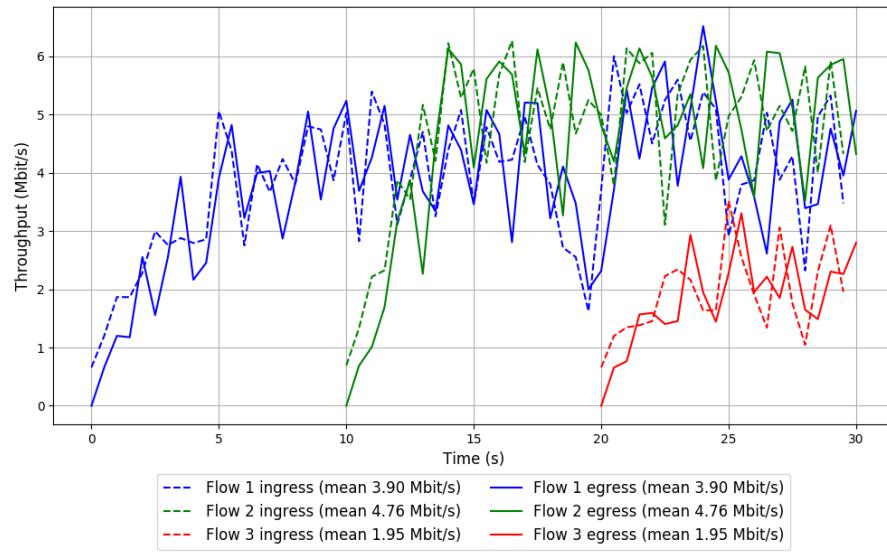


Run 3: Statistics of Sprout

```
Start at: 2018-05-24 14:36:55
End at: 2018-05-24 14:37:25
Local clock offset: -1.965 ms
Remote clock offset: 15.448 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.71 Mbit/s
95th percentile per-packet one-way delay: 86.417 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 86.419 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.76 Mbit/s
95th percentile per-packet one-way delay: 86.485 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 85.812 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

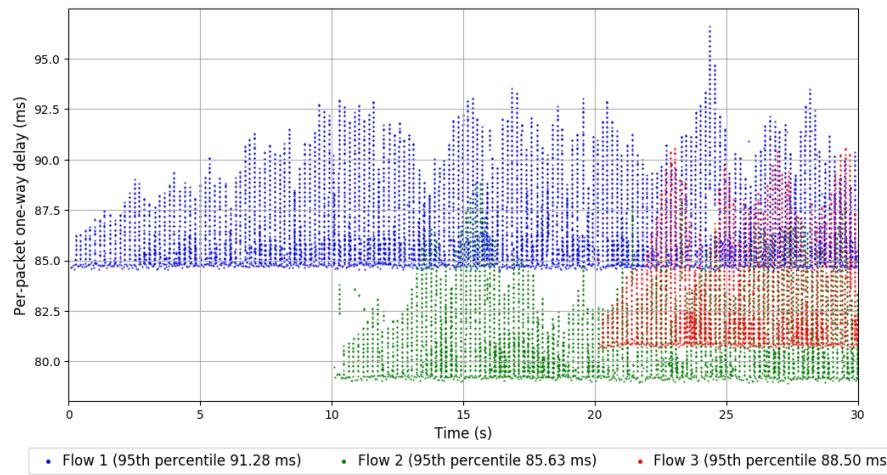
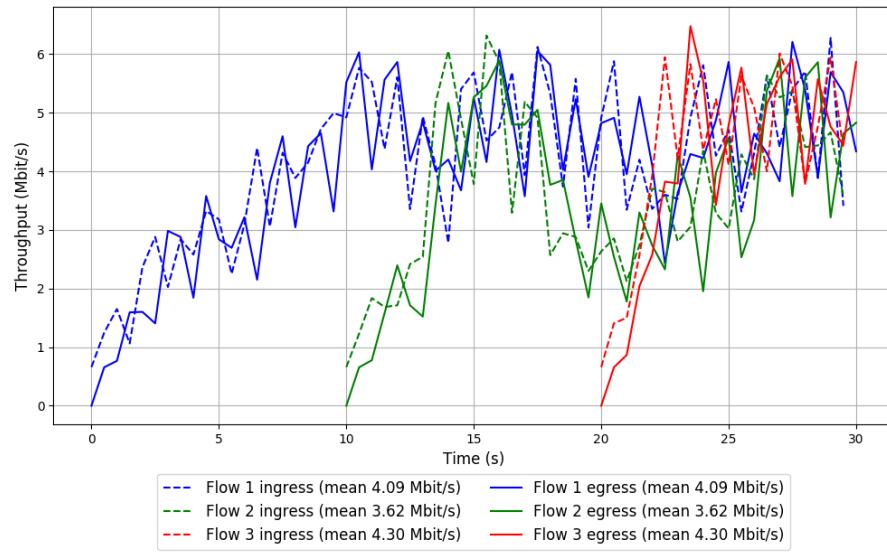


Run 4: Statistics of Sprout

```
Start at: 2018-05-24 14:56:35
End at: 2018-05-24 14:57:05
Local clock offset: -2.652 ms
Remote clock offset: 21.422 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.91 Mbit/s
95th percentile per-packet one-way delay: 90.494 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.09 Mbit/s
95th percentile per-packet one-way delay: 91.279 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.62 Mbit/s
95th percentile per-packet one-way delay: 85.626 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 88.498 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

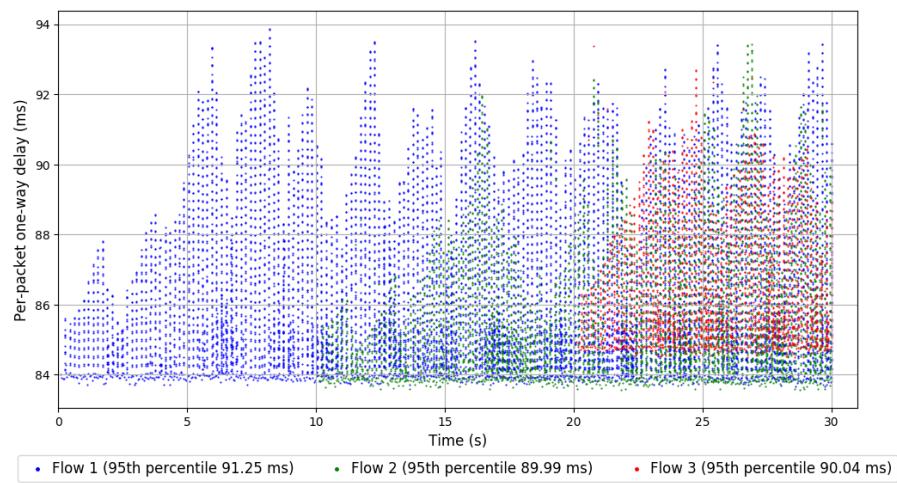
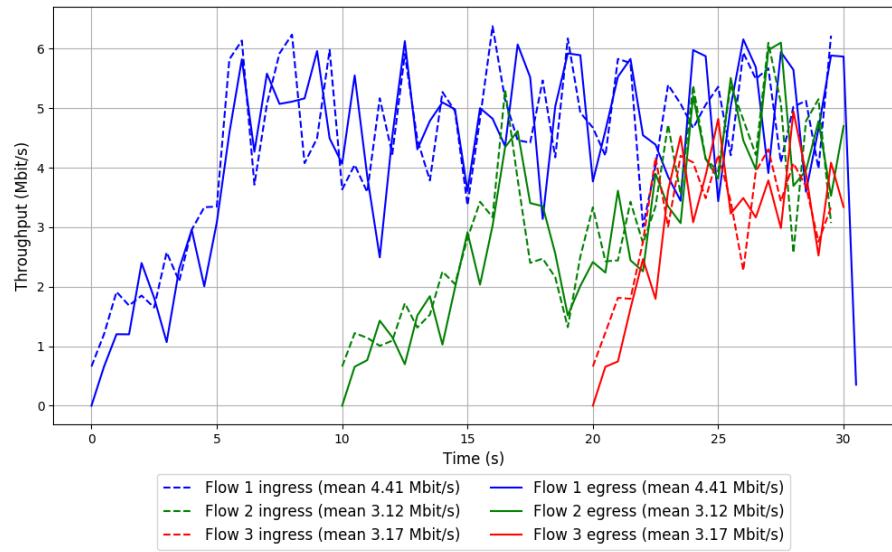


Run 5: Statistics of Sprout

```
Start at: 2018-05-24 15:16:15
End at: 2018-05-24 15:16:45
Local clock offset: -1.185 ms
Remote clock offset: 29.834 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.53 Mbit/s
95th percentile per-packet one-way delay: 90.839 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 91.250 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 89.989 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.17 Mbit/s
95th percentile per-packet one-way delay: 90.039 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

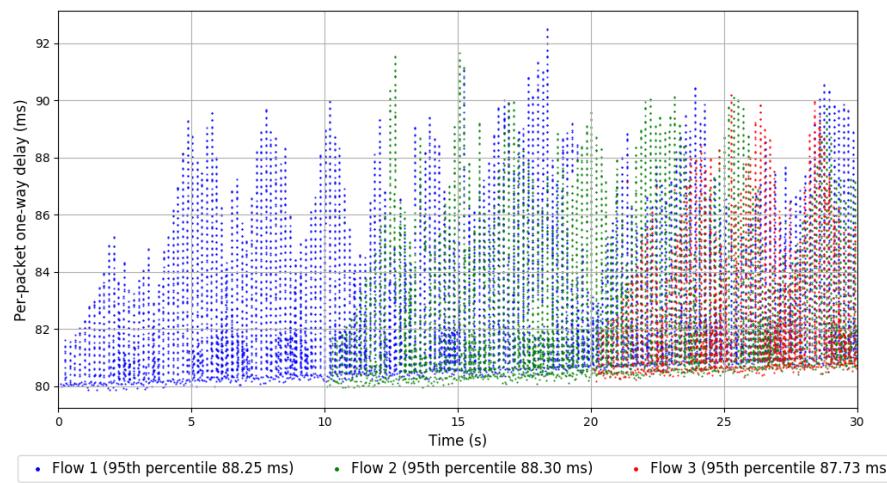
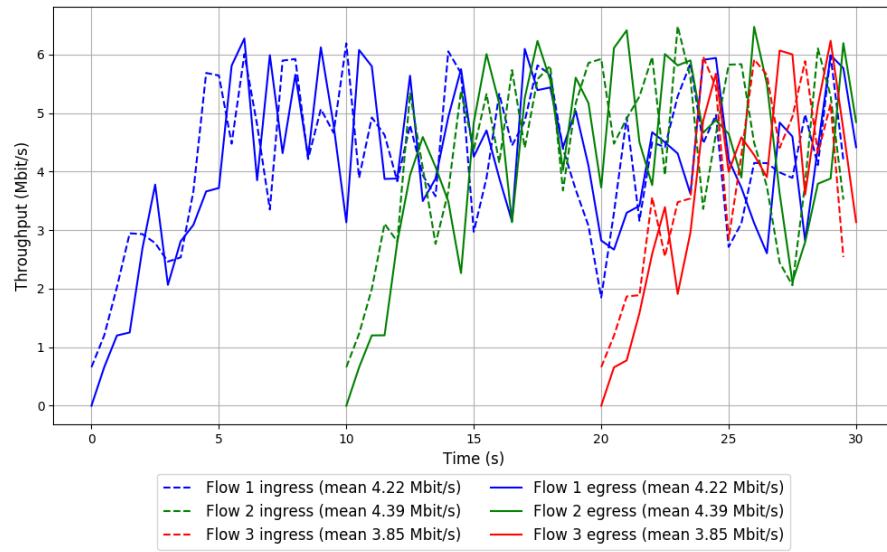


Run 6: Statistics of Sprout

```
Start at: 2018-05-24 15:35:56
End at: 2018-05-24 15:36:26
Local clock offset: -2.235 ms
Remote clock offset: 18.781 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.42 Mbit/s
95th percentile per-packet one-way delay: 88.187 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 88.246 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 88.303 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 87.727 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

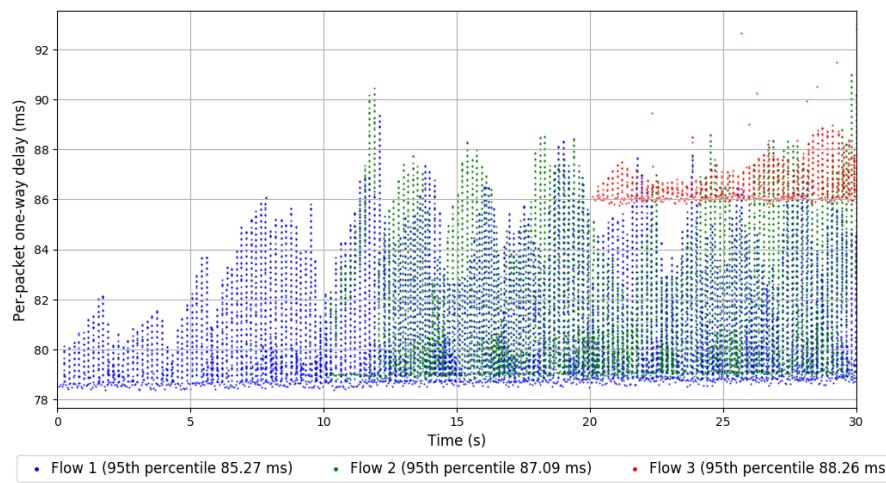
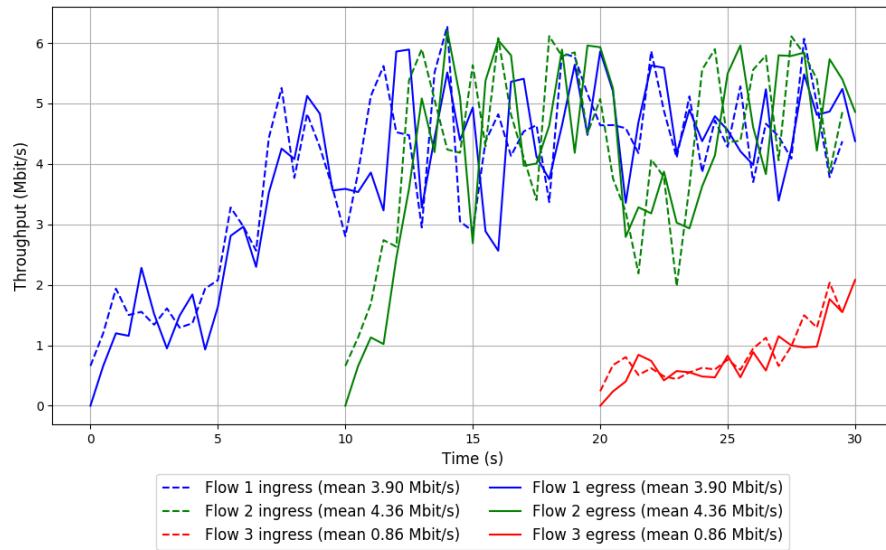


Run 7: Statistics of Sprout

```
Start at: 2018-05-24 15:55:37
End at: 2018-05-24 15:56:07
Local clock offset: -1.728 ms
Remote clock offset: 0.26 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.08 Mbit/s
95th percentile per-packet one-way delay: 86.810 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 85.265 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 87.089 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 88.256 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

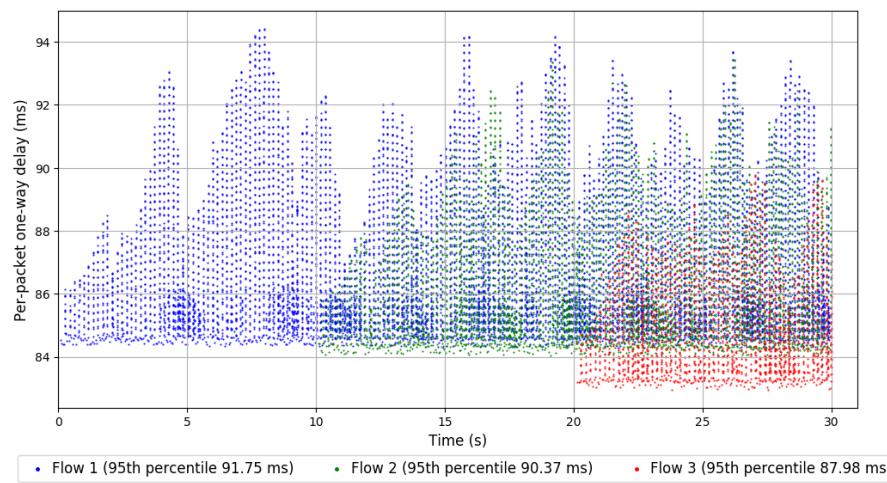
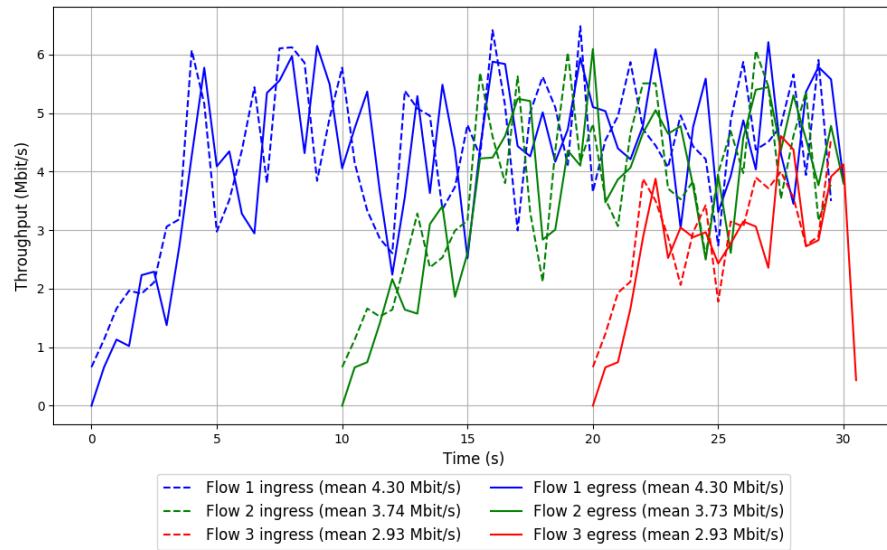


Run 8: Statistics of Sprout

```
Start at: 2018-05-24 16:15:17
End at: 2018-05-24 16:15:47
Local clock offset: -2.281 ms
Remote clock offset: 4.481 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.75 Mbit/s
95th percentile per-packet one-way delay: 91.220 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 91.747 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.73 Mbit/s
95th percentile per-packet one-way delay: 90.370 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 2.93 Mbit/s
95th percentile per-packet one-way delay: 87.978 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

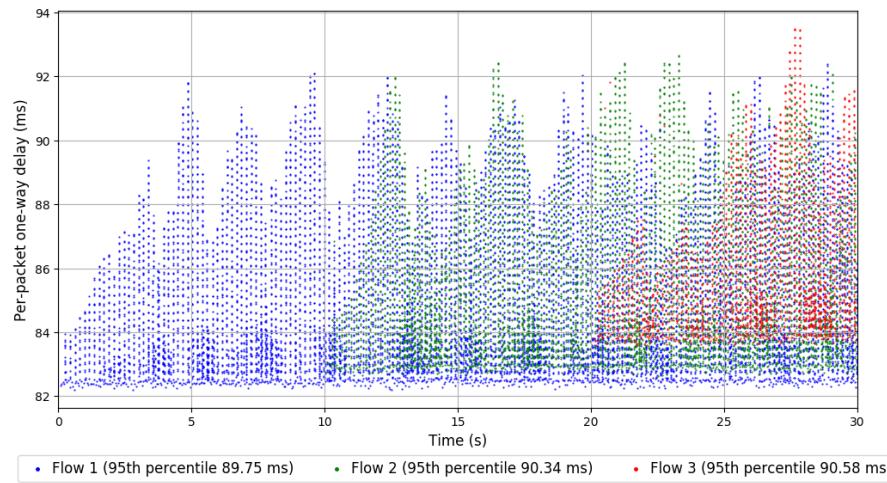
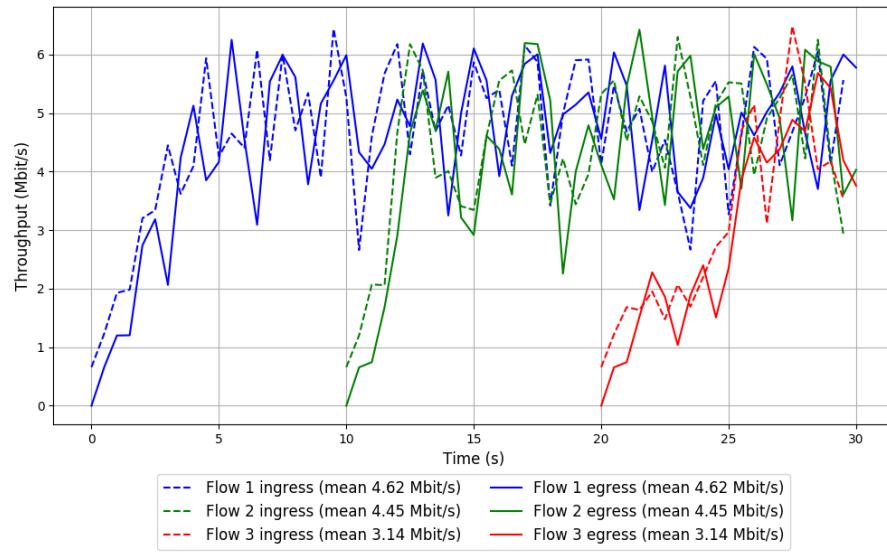


Run 9: Statistics of Sprout

```
Start at: 2018-05-24 16:34:57
End at: 2018-05-24 16:35:27
Local clock offset: -2.226 ms
Remote clock offset: 4.395 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.62 Mbit/s
95th percentile per-packet one-way delay: 90.085 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.62 Mbit/s
95th percentile per-packet one-way delay: 89.753 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 90.336 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.14 Mbit/s
95th percentile per-packet one-way delay: 90.579 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

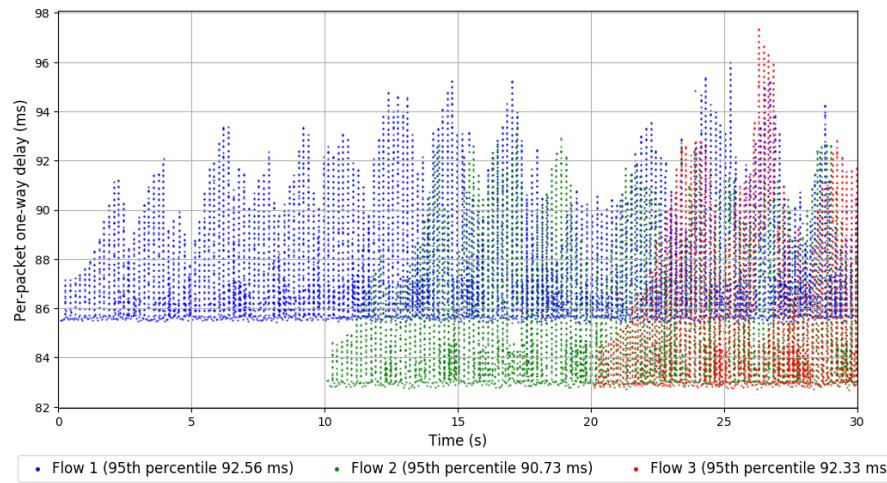
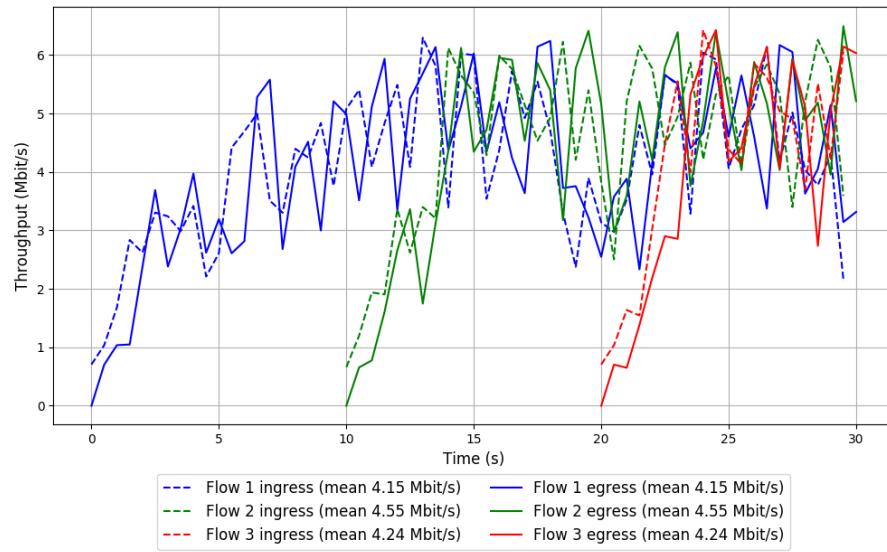


Run 10: Statistics of Sprout

```
Start at: 2018-05-24 16:54:36
End at: 2018-05-24 16:55:06
Local clock offset: -2.158 ms
Remote clock offset: 7.217 ms

# Below is generated by plot.py at 2018-05-24 17:21:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.57 Mbit/s
95th percentile per-packet one-way delay: 92.021 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 92.559 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.55 Mbit/s
95th percentile per-packet one-way delay: 90.731 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 92.335 ms
Loss rate: 0.03%
```

Run 10: Report of Sprout — Data Link

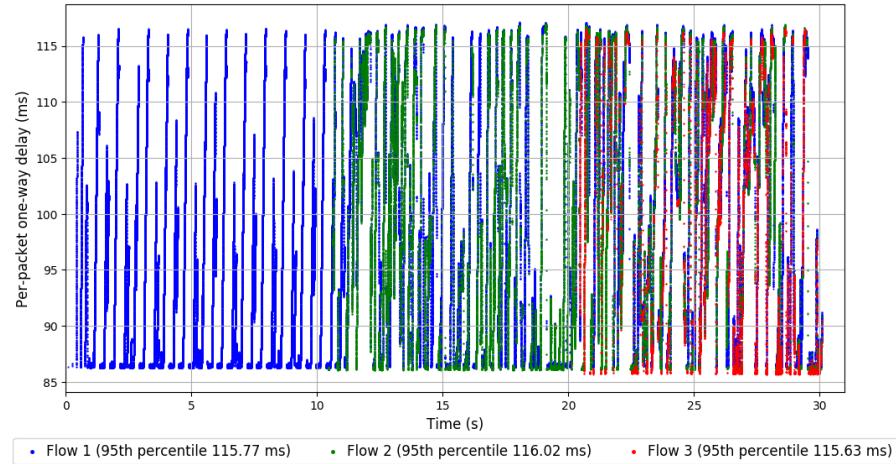
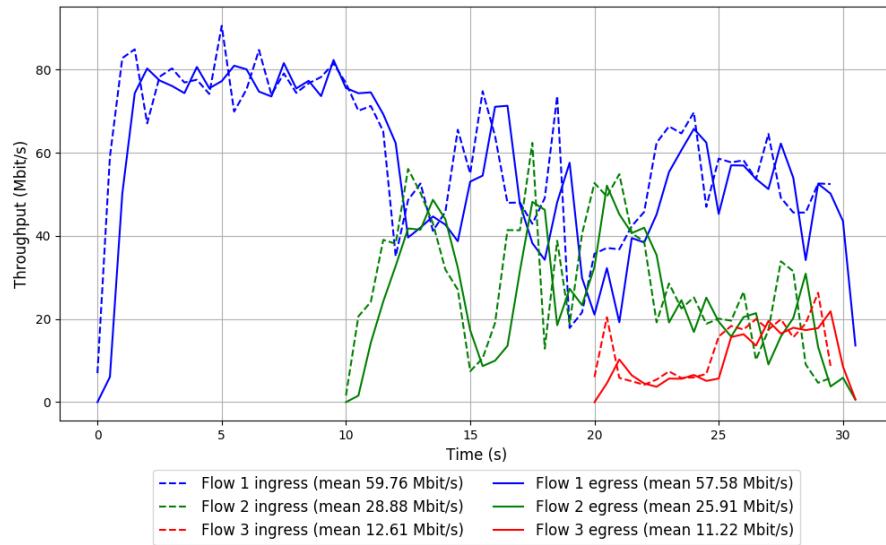


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-05-24 13:56:17
End at: 2018-05-24 13:56:47
Local clock offset: -3.339 ms
Remote clock offset: 8.963 ms

# Below is generated by plot.py at 2018-05-24 17:22:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.58 Mbit/s
95th percentile per-packet one-way delay: 115.832 ms
Loss rate: 5.53%
-- Flow 1:
Average throughput: 57.58 Mbit/s
95th percentile per-packet one-way delay: 115.766 ms
Loss rate: 3.62%
-- Flow 2:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 116.018 ms
Loss rate: 10.27%
-- Flow 3:
Average throughput: 11.22 Mbit/s
95th percentile per-packet one-way delay: 115.634 ms
Loss rate: 10.98%
```

Run 1: Report of TaoVA-100x — Data Link

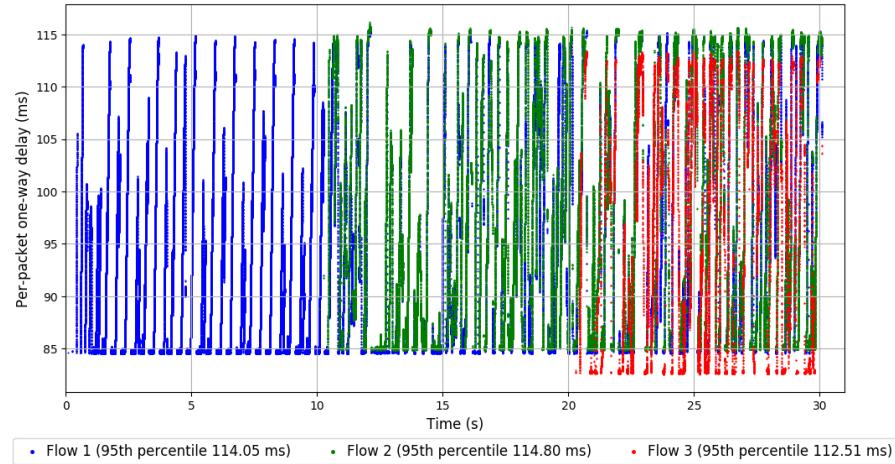
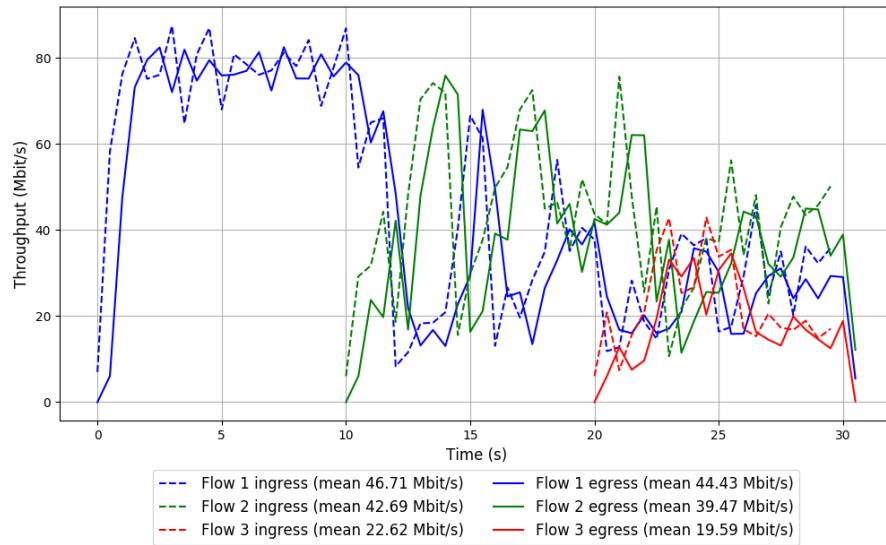


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-05-24 14:15:57
End at: 2018-05-24 14:16:27
Local clock offset: -2.879 ms
Remote clock offset: 6.589 ms

# Below is generated by plot.py at 2018-05-24 17:23:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.22 Mbit/s
95th percentile per-packet one-way delay: 114.358 ms
Loss rate: 6.50%
-- Flow 1:
Average throughput: 44.43 Mbit/s
95th percentile per-packet one-way delay: 114.046 ms
Loss rate: 4.81%
-- Flow 2:
Average throughput: 39.47 Mbit/s
95th percentile per-packet one-way delay: 114.804 ms
Loss rate: 7.44%
-- Flow 3:
Average throughput: 19.59 Mbit/s
95th percentile per-packet one-way delay: 112.508 ms
Loss rate: 13.47%
```

Run 2: Report of TaoVA-100x — Data Link

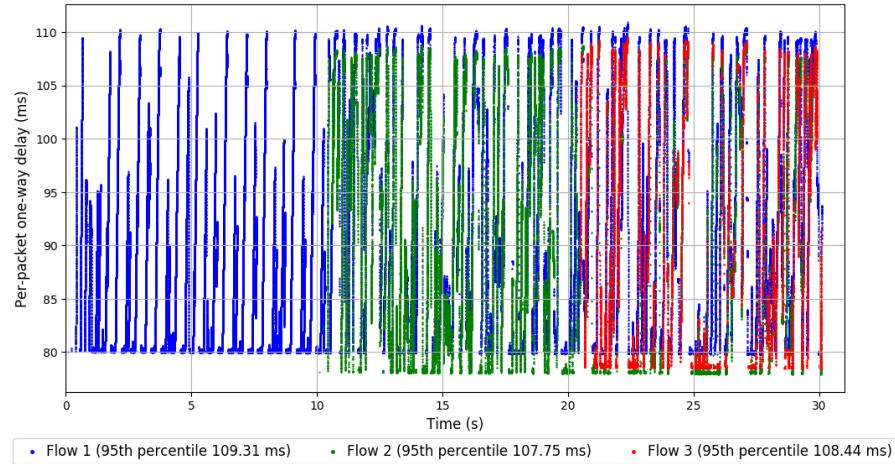
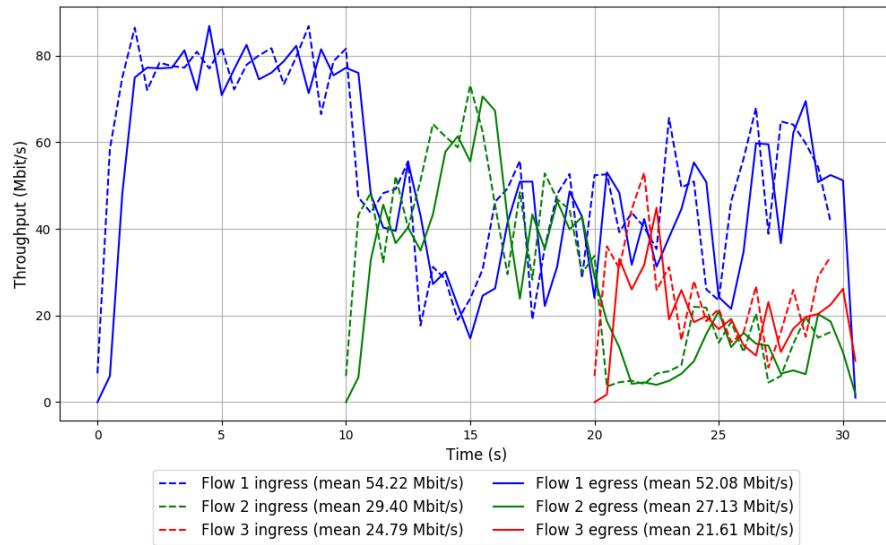


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-05-24 14:35:37
End at: 2018-05-24 14:36:07
Local clock offset: -1.918 ms
Remote clock offset: 14.826 ms

# Below is generated by plot.py at 2018-05-24 17:23:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: 108.967 ms
Loss rate: 5.71%
-- Flow 1:
Average throughput: 52.08 Mbit/s
95th percentile per-packet one-way delay: 109.305 ms
Loss rate: 3.90%
-- Flow 2:
Average throughput: 27.13 Mbit/s
95th percentile per-packet one-way delay: 107.747 ms
Loss rate: 7.68%
-- Flow 3:
Average throughput: 21.61 Mbit/s
95th percentile per-packet one-way delay: 108.445 ms
Loss rate: 12.94%
```

Run 3: Report of TaoVA-100x — Data Link

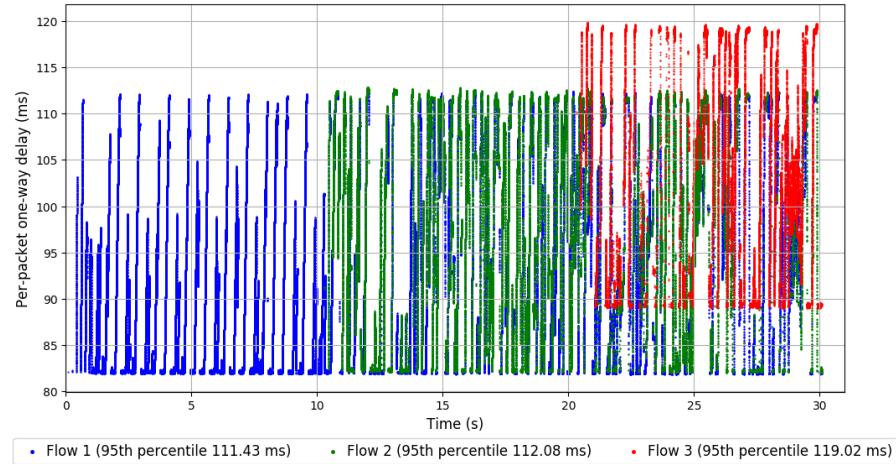
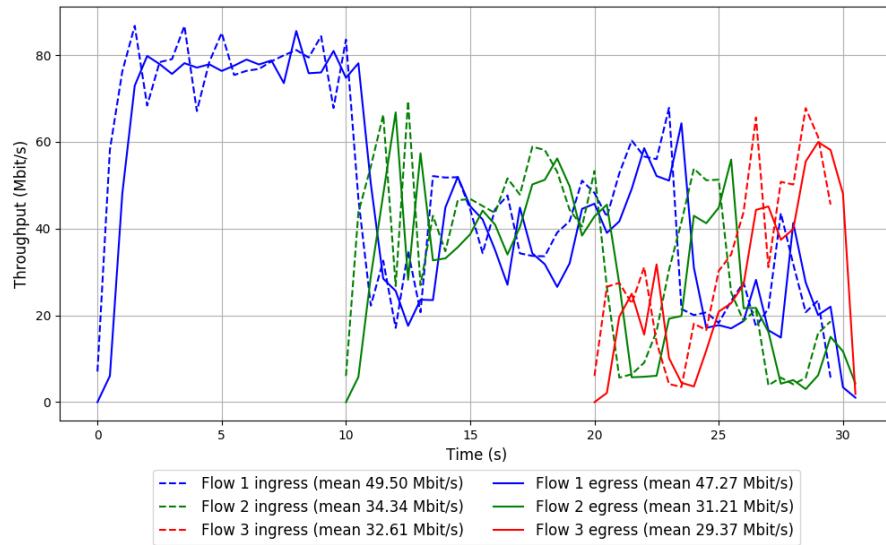


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-05-24 14:55:18
End at: 2018-05-24 14:55:48
Local clock offset: -1.787 ms
Remote clock offset: 24.818 ms

# Below is generated by plot.py at 2018-05-24 17:23:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.81 Mbit/s
95th percentile per-packet one-way delay: 112.198 ms
Loss rate: 6.49%
-- Flow 1:
Average throughput: 47.27 Mbit/s
95th percentile per-packet one-way delay: 111.429 ms
Loss rate: 4.50%
-- Flow 2:
Average throughput: 31.21 Mbit/s
95th percentile per-packet one-way delay: 112.076 ms
Loss rate: 9.13%
-- Flow 3:
Average throughput: 29.37 Mbit/s
95th percentile per-packet one-way delay: 119.022 ms
Loss rate: 10.01%
```

Run 4: Report of TaoVA-100x — Data Link

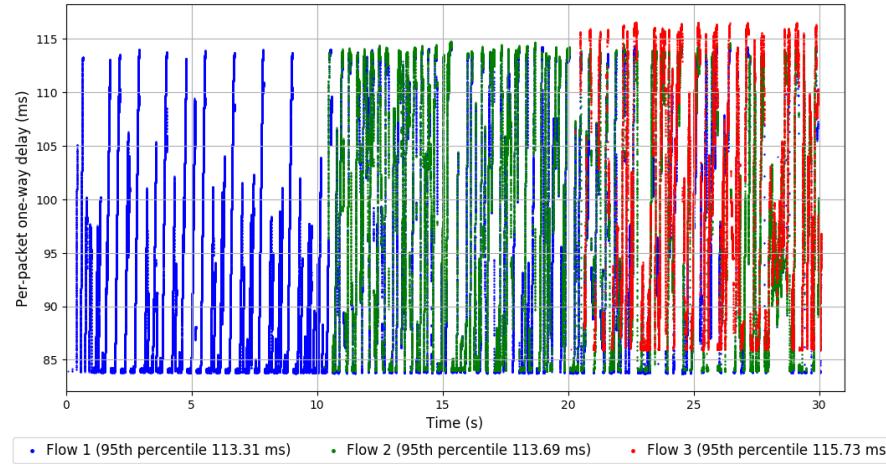
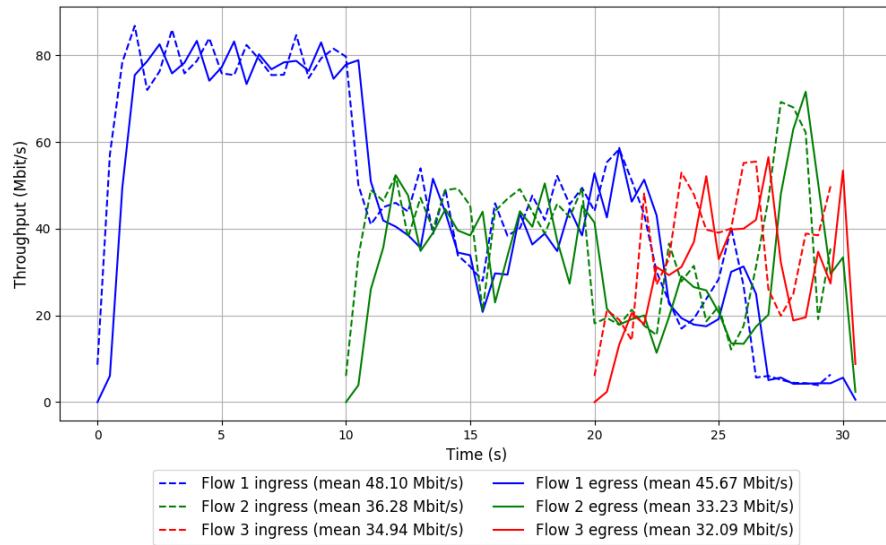


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-05-24 15:14:57
End at: 2018-05-24 15:15:27
Local clock offset: -2.798 ms
Remote clock offset: 29.506 ms

# Below is generated by plot.py at 2018-05-24 17:23:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.40 Mbit/s
95th percentile per-packet one-way delay: 113.677 ms
Loss rate: 6.42%
-- Flow 1:
Average throughput: 45.67 Mbit/s
95th percentile per-packet one-way delay: 113.311 ms
Loss rate: 5.02%
-- Flow 2:
Average throughput: 33.23 Mbit/s
95th percentile per-packet one-way delay: 113.686 ms
Loss rate: 8.44%
-- Flow 3:
Average throughput: 32.09 Mbit/s
95th percentile per-packet one-way delay: 115.727 ms
Loss rate: 8.05%
```

Run 5: Report of TaoVA-100x — Data Link

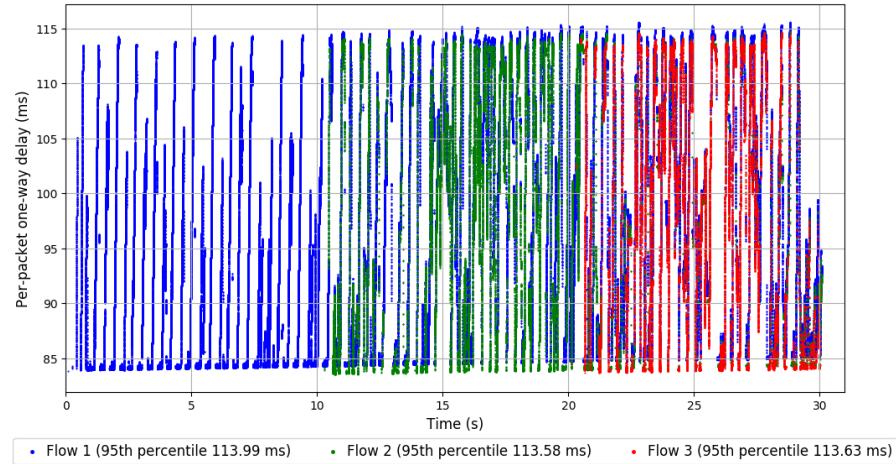
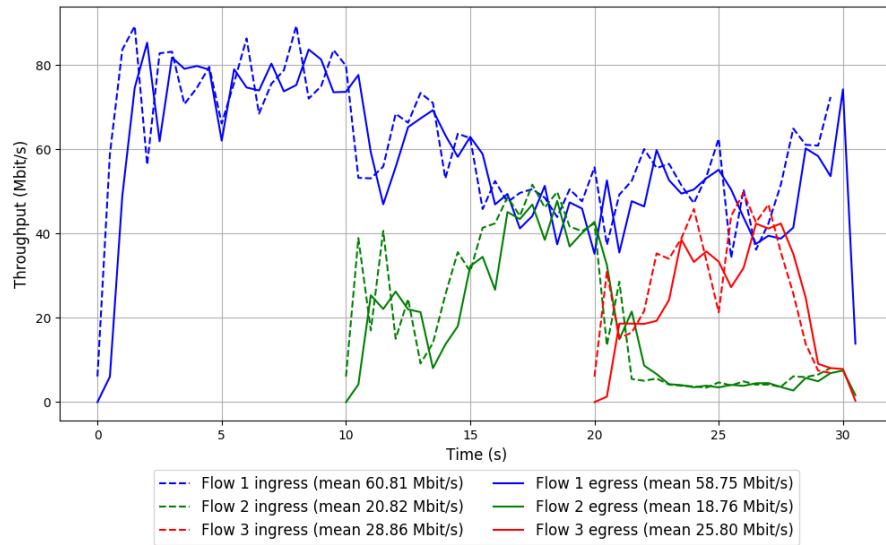


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-05-24 15:34:38
End at: 2018-05-24 15:35:08
Local clock offset: -1.437 ms
Remote clock offset: 25.027 ms

# Below is generated by plot.py at 2018-05-24 17:23:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.77 Mbit/s
95th percentile per-packet one-way delay: 113.844 ms
Loss rate: 5.25%
-- Flow 1:
Average throughput: 58.75 Mbit/s
95th percentile per-packet one-way delay: 113.992 ms
Loss rate: 3.36%
-- Flow 2:
Average throughput: 18.76 Mbit/s
95th percentile per-packet one-way delay: 113.581 ms
Loss rate: 9.93%
-- Flow 3:
Average throughput: 25.80 Mbit/s
95th percentile per-packet one-way delay: 113.626 ms
Loss rate: 10.55%
```

Run 6: Report of TaoVA-100x — Data Link

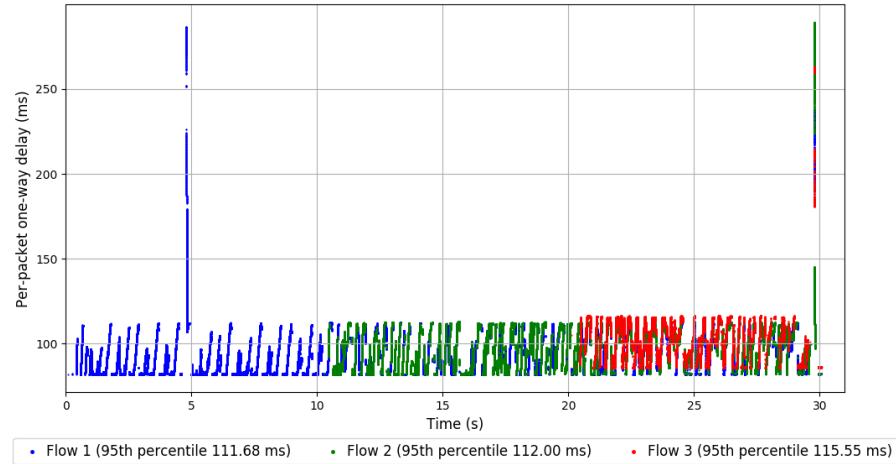
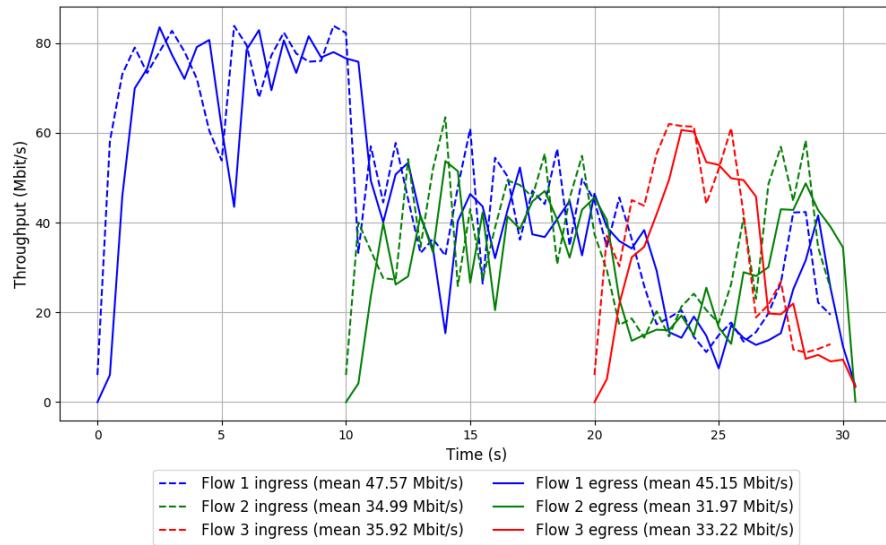


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-05-24 15:54:19
End at: 2018-05-24 15:54:49
Local clock offset: -3.246 ms
Remote clock offset: 0.934 ms

# Below is generated by plot.py at 2018-05-24 17:23:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.45 Mbit/s
95th percentile per-packet one-way delay: 112.392 ms
Loss rate: 6.48%
-- Flow 1:
Average throughput: 45.15 Mbit/s
95th percentile per-packet one-way delay: 111.683 ms
Loss rate: 5.08%
-- Flow 2:
Average throughput: 31.97 Mbit/s
95th percentile per-packet one-way delay: 111.996 ms
Loss rate: 8.72%
-- Flow 3:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 115.552 ms
Loss rate: 7.74%
```

Run 7: Report of TaoVA-100x — Data Link

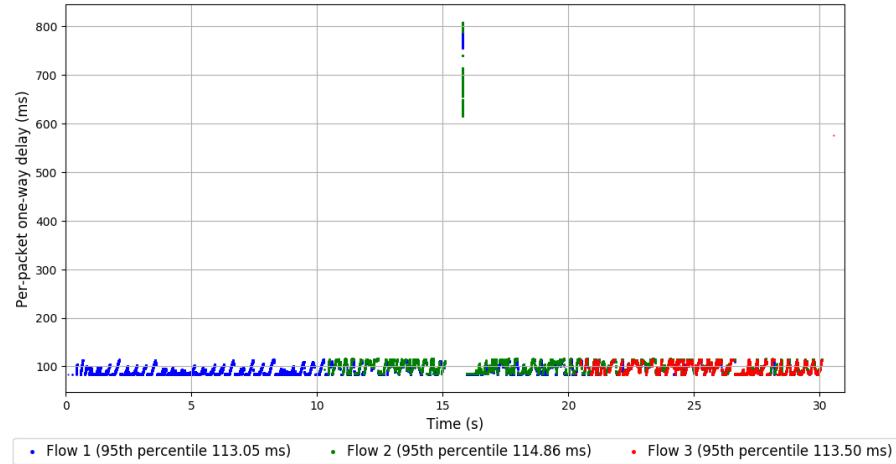
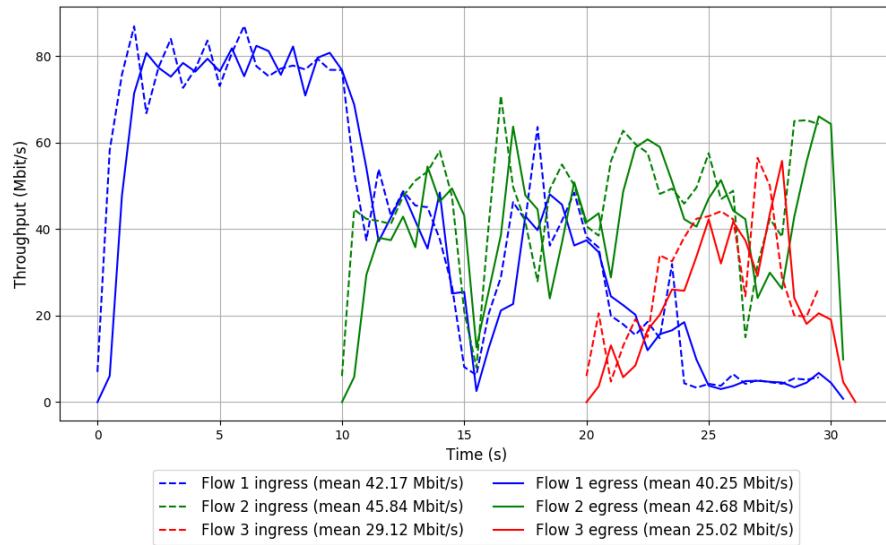


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-05-24 16:13:59
End at: 2018-05-24 16:14:29
Local clock offset: -3.055 ms
Remote clock offset: 4.304 ms

# Below is generated by plot.py at 2018-05-24 17:23:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.19 Mbit/s
95th percentile per-packet one-way delay: 114.039 ms
Loss rate: 6.04%
-- Flow 1:
Average throughput: 40.25 Mbit/s
95th percentile per-packet one-way delay: 113.051 ms
Loss rate: 4.52%
-- Flow 2:
Average throughput: 42.68 Mbit/s
95th percentile per-packet one-way delay: 114.864 ms
Loss rate: 6.79%
-- Flow 3:
Average throughput: 25.02 Mbit/s
95th percentile per-packet one-way delay: 113.496 ms
Loss rate: 10.23%
```

Run 8: Report of TaoVA-100x — Data Link

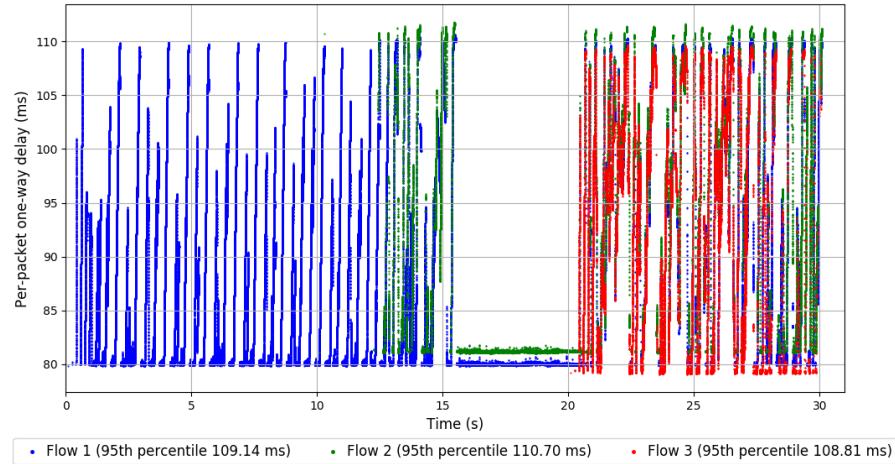
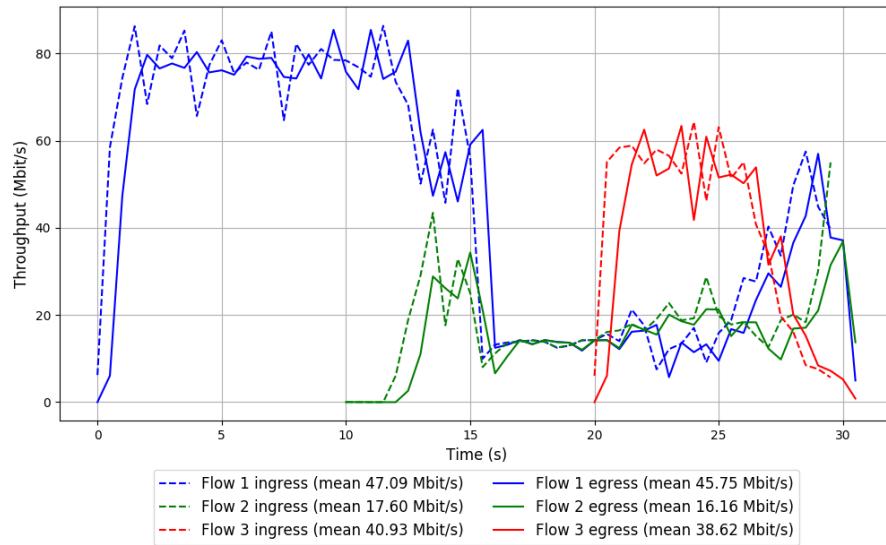


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-05-24 16:33:40
End at: 2018-05-24 16:34:10
Local clock offset: -3.05 ms
Remote clock offset: 0.646 ms

# Below is generated by plot.py at 2018-05-24 17:24:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.32 Mbit/s
95th percentile per-packet one-way delay: 109.269 ms
Loss rate: 4.10%
-- Flow 1:
Average throughput: 45.75 Mbit/s
95th percentile per-packet one-way delay: 109.145 ms
Loss rate: 2.75%
-- Flow 2:
Average throughput: 16.16 Mbit/s
95th percentile per-packet one-way delay: 110.702 ms
Loss rate: 8.03%
-- Flow 3:
Average throughput: 38.62 Mbit/s
95th percentile per-packet one-way delay: 108.805 ms
Loss rate: 5.42%
```

Run 9: Report of TaoVA-100x — Data Link

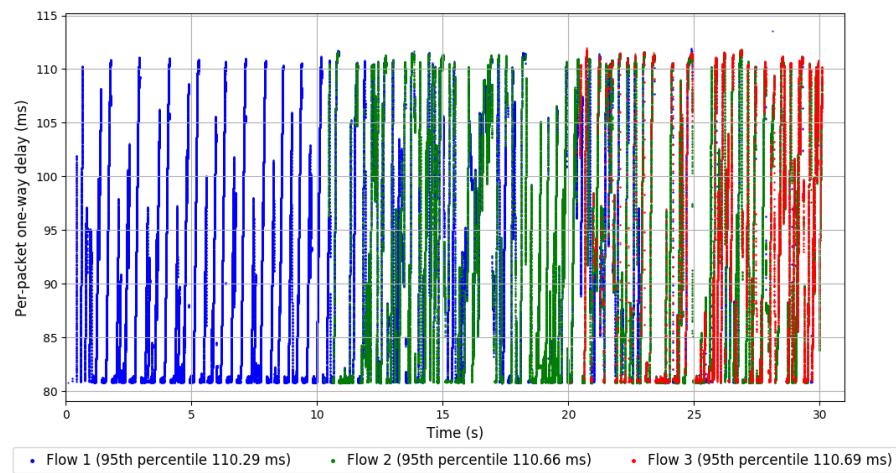
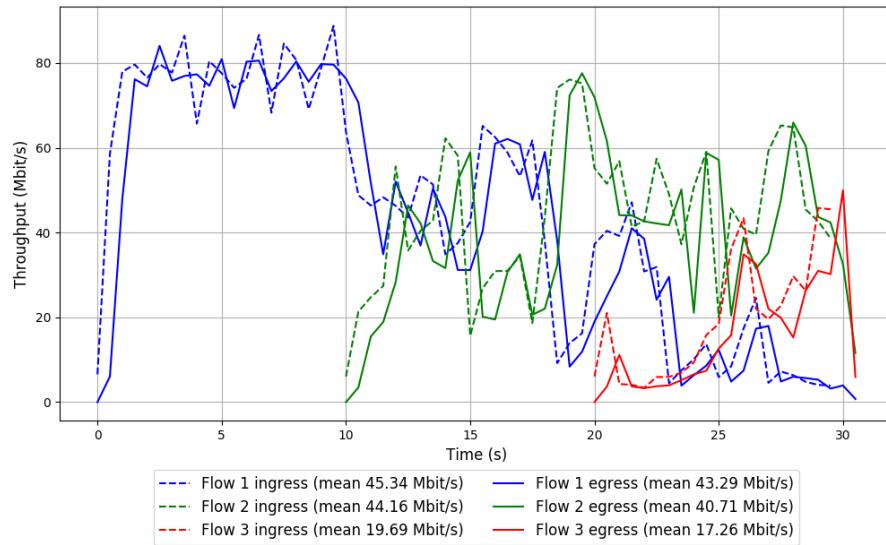


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-05-24 16:53:18
End at: 2018-05-24 16:53:48
Local clock offset: -2.171 ms
Remote clock offset: 3.39 ms

# Below is generated by plot.py at 2018-05-24 17:24:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.13 Mbit/s
95th percentile per-packet one-way delay: 110.483 ms
Loss rate: 6.27%
-- Flow 1:
Average throughput: 43.29 Mbit/s
95th percentile per-packet one-way delay: 110.292 ms
Loss rate: 4.43%
-- Flow 2:
Average throughput: 40.71 Mbit/s
95th percentile per-packet one-way delay: 110.659 ms
Loss rate: 7.80%
-- Flow 3:
Average throughput: 17.26 Mbit/s
95th percentile per-packet one-way delay: 110.694 ms
Loss rate: 12.07%
```

Run 10: Report of TaoVA-100x — Data Link

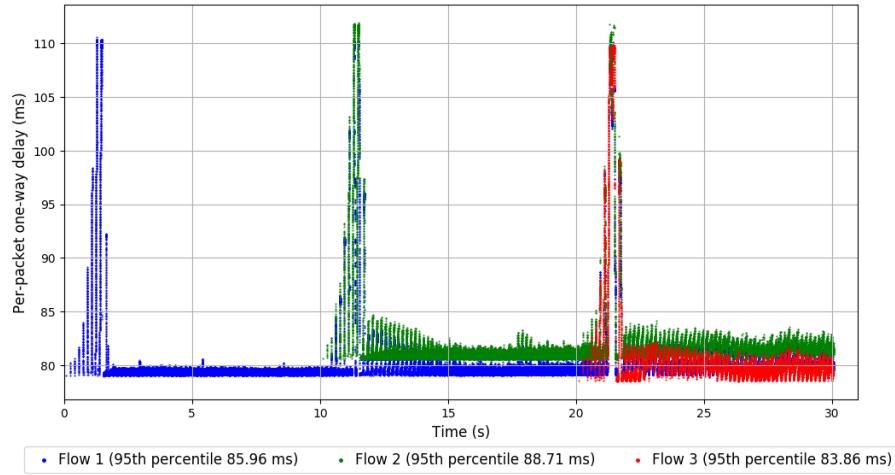
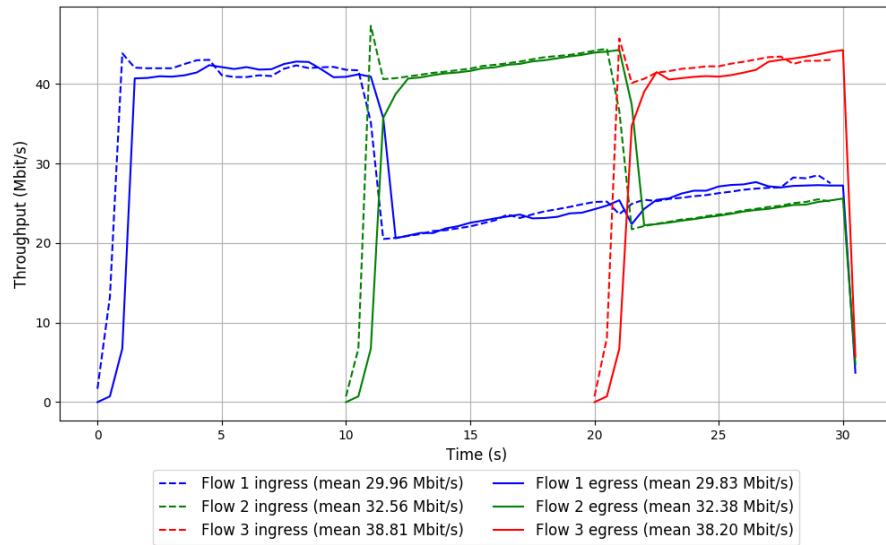


Run 1: Statistics of TCP Vegas

```
Start at: 2018-05-24 13:58:46
End at: 2018-05-24 13:59:16
Local clock offset: -2.544 ms
Remote clock offset: 3.472 ms

# Below is generated by plot.py at 2018-05-24 17:24:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 86.231 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 29.83 Mbit/s
95th percentile per-packet one-way delay: 85.958 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 32.38 Mbit/s
95th percentile per-packet one-way delay: 88.712 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 38.20 Mbit/s
95th percentile per-packet one-way delay: 83.856 ms
Loss rate: 1.56%
```

Run 1: Report of TCP Vegas — Data Link

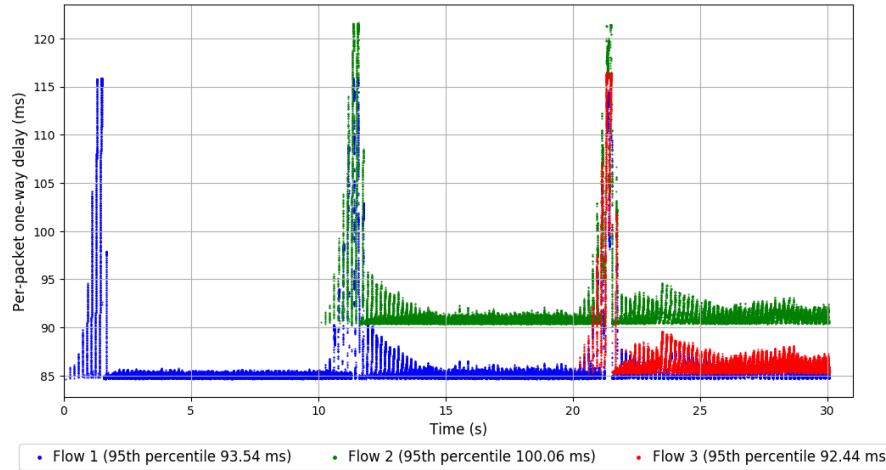
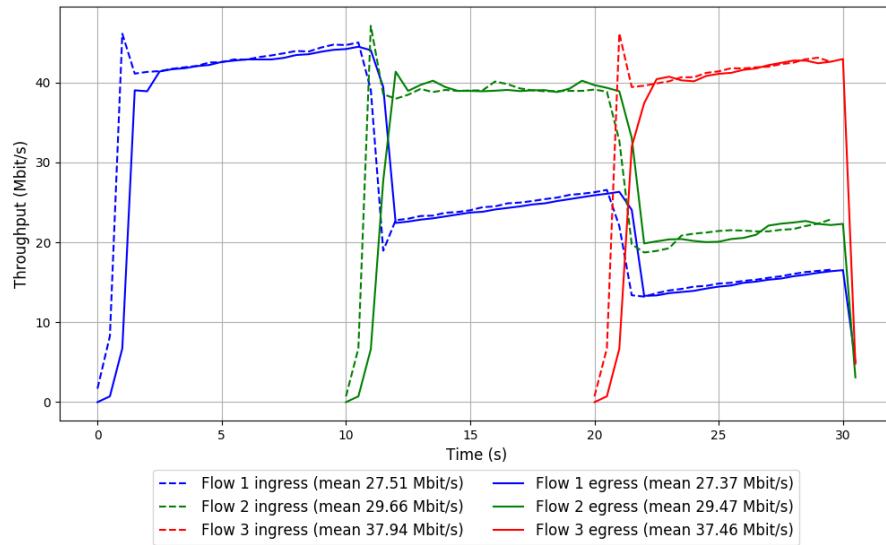


Run 2: Statistics of TCP Vegas

```
Start at: 2018-05-24 14:18:26
End at: 2018-05-24 14:18:56
Local clock offset: -2.146 ms
Remote clock offset: 7.494 ms

# Below is generated by plot.py at 2018-05-24 17:24:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.46 Mbit/s
95th percentile per-packet one-way delay: 95.797 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 27.37 Mbit/s
95th percentile per-packet one-way delay: 93.539 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 29.47 Mbit/s
95th percentile per-packet one-way delay: 100.058 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 92.435 ms
Loss rate: 1.28%
```

Run 2: Report of TCP Vegas — Data Link

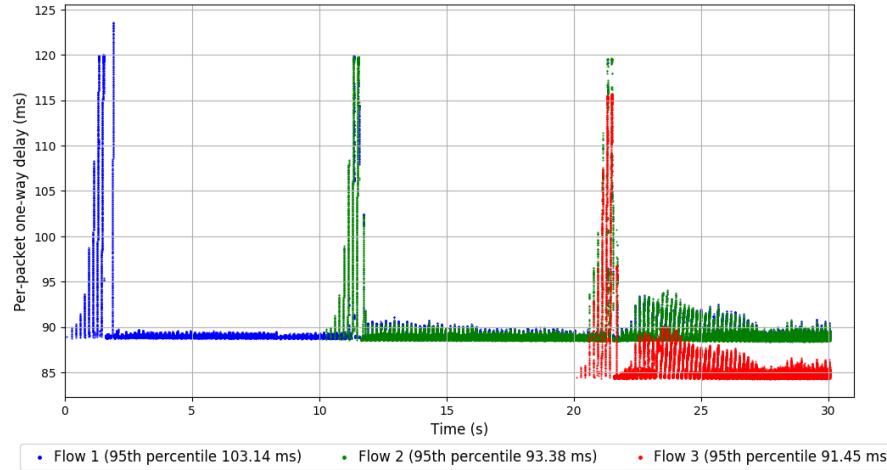
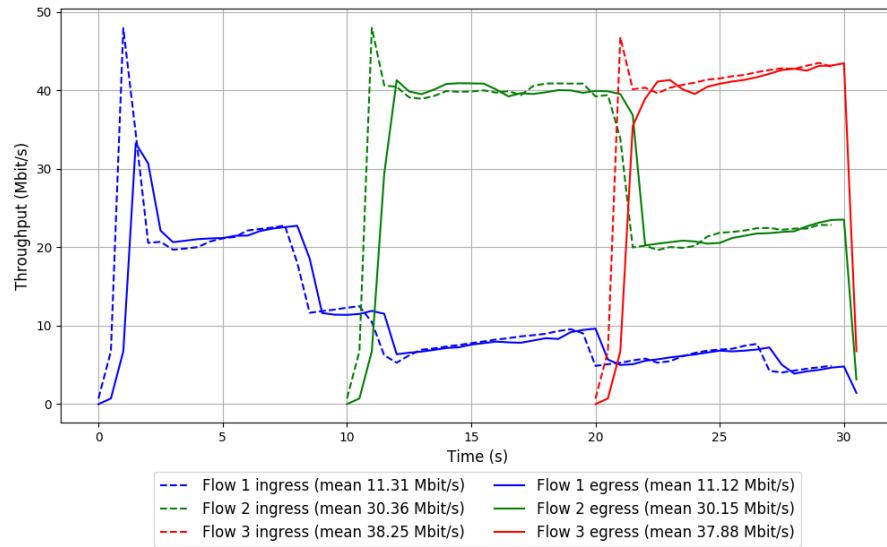


Run 3: Statistics of TCP Vegas

```
Start at: 2018-05-24 14:38:06
End at: 2018-05-24 14:38:36
Local clock offset: -2.729 ms
Remote clock offset: 19.834 ms

# Below is generated by plot.py at 2018-05-24 17:24:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.80 Mbit/s
95th percentile per-packet one-way delay: 95.110 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 11.12 Mbit/s
95th percentile per-packet one-way delay: 103.144 ms
Loss rate: 1.71%
-- Flow 2:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 93.382 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 37.88 Mbit/s
95th percentile per-packet one-way delay: 91.447 ms
Loss rate: 0.94%
```

Run 3: Report of TCP Vegas — Data Link

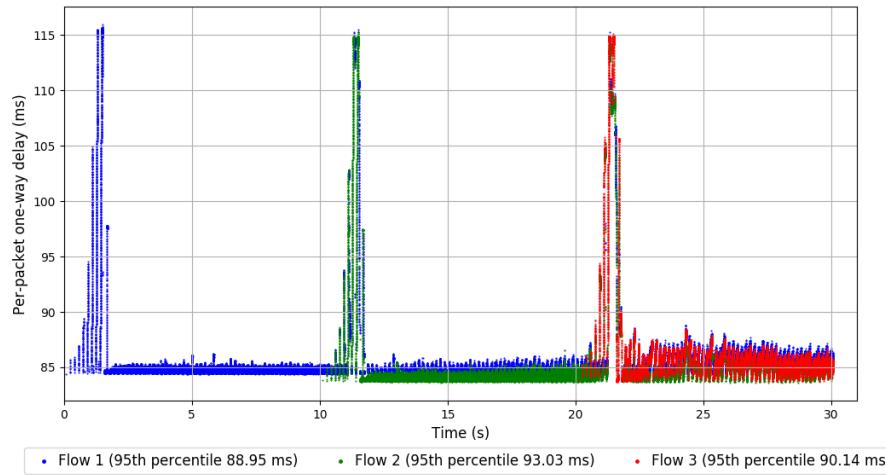
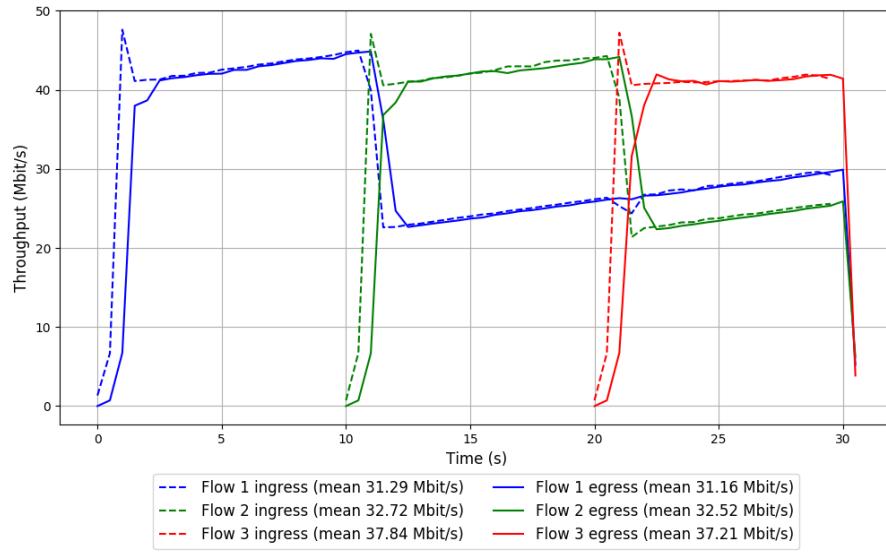


Run 4: Statistics of TCP Vegas

```
Start at: 2018-05-24 14:57:46
End at: 2018-05-24 14:58:16
Local clock offset: -1.074 ms
Remote clock offset: 26.274 ms

# Below is generated by plot.py at 2018-05-24 17:24:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.20 Mbit/s
95th percentile per-packet one-way delay: 91.099 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 31.16 Mbit/s
95th percentile per-packet one-way delay: 88.950 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 32.52 Mbit/s
95th percentile per-packet one-way delay: 93.032 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 37.21 Mbit/s
95th percentile per-packet one-way delay: 90.145 ms
Loss rate: 1.64%
```

Run 4: Report of TCP Vegas — Data Link

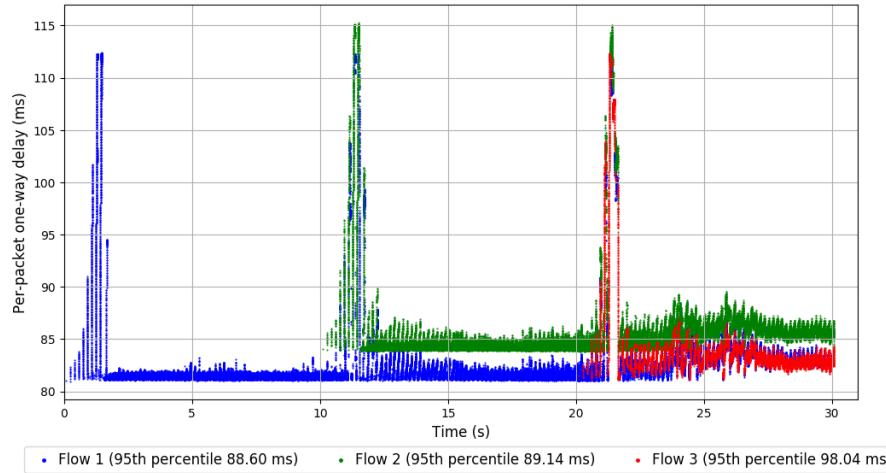
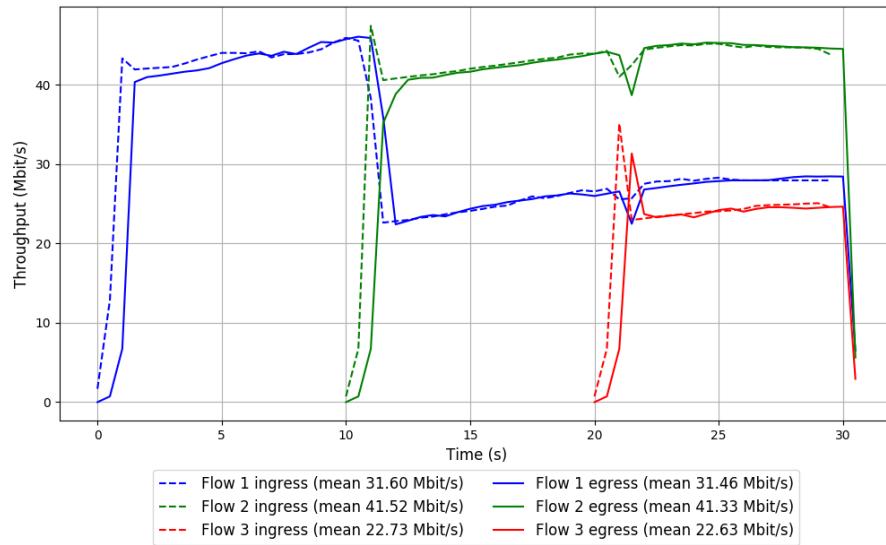


Run 5: Statistics of TCP Vegas

```
Start at: 2018-05-24 15:17:26
End at: 2018-05-24 15:17:56
Local clock offset: -1.183 ms
Remote clock offset: 28.985 ms

# Below is generated by plot.py at 2018-05-24 17:24:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.49 Mbit/s
95th percentile per-packet one-way delay: 90.021 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 31.46 Mbit/s
95th percentile per-packet one-way delay: 88.597 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 41.33 Mbit/s
95th percentile per-packet one-way delay: 89.142 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 22.63 Mbit/s
95th percentile per-packet one-way delay: 98.044 ms
Loss rate: 0.45%
```

Run 5: Report of TCP Vegas — Data Link

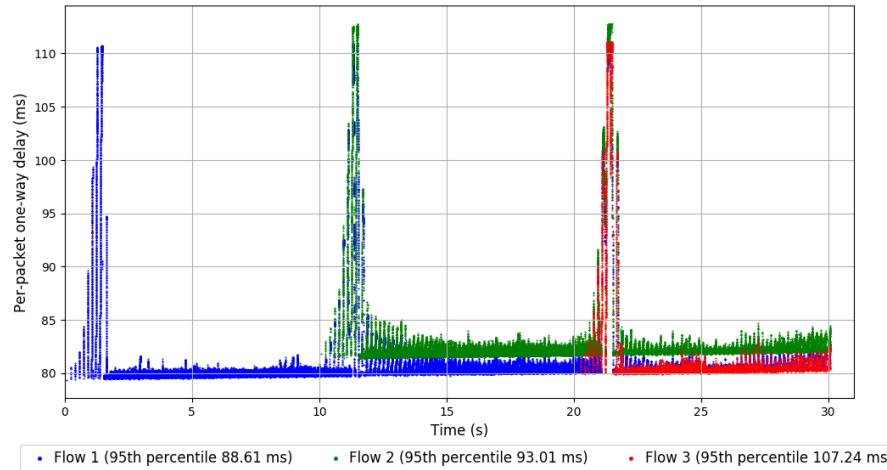
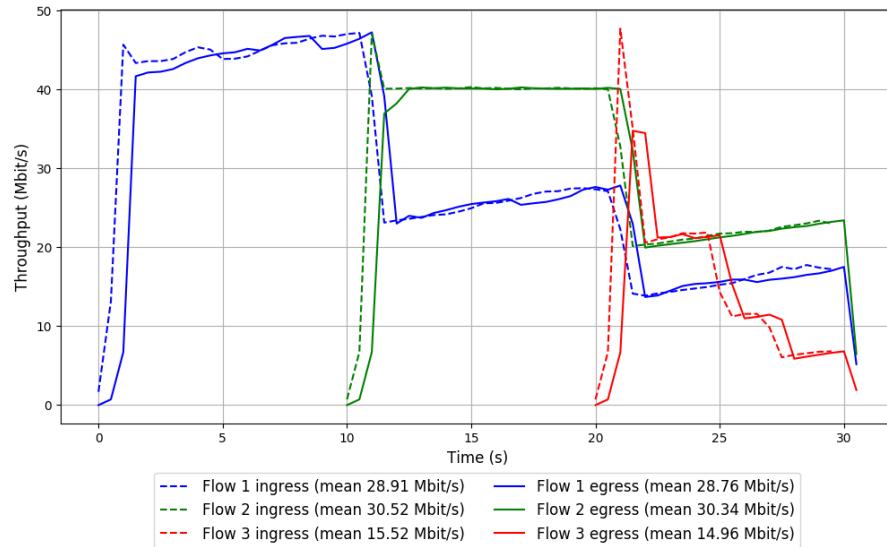


Run 6: Statistics of TCP Vegas

```
Start at: 2018-05-24 15:37:08
End at: 2018-05-24 15:37:38
Local clock offset: -2.256 ms
Remote clock offset: 16.466 ms

# Below is generated by plot.py at 2018-05-24 17:24:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.94 Mbit/s
95th percentile per-packet one-way delay: 92.698 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 28.76 Mbit/s
95th percentile per-packet one-way delay: 88.606 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 30.34 Mbit/s
95th percentile per-packet one-way delay: 93.006 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 14.96 Mbit/s
95th percentile per-packet one-way delay: 107.238 ms
Loss rate: 3.62%
```

Run 6: Report of TCP Vegas — Data Link

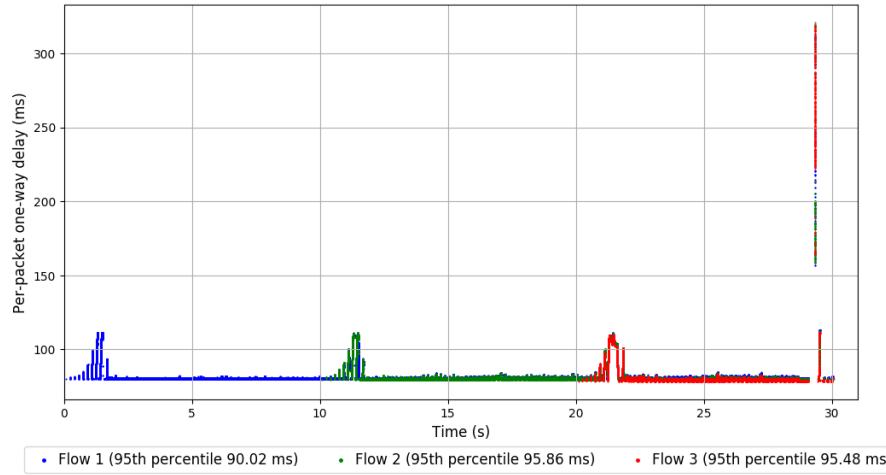
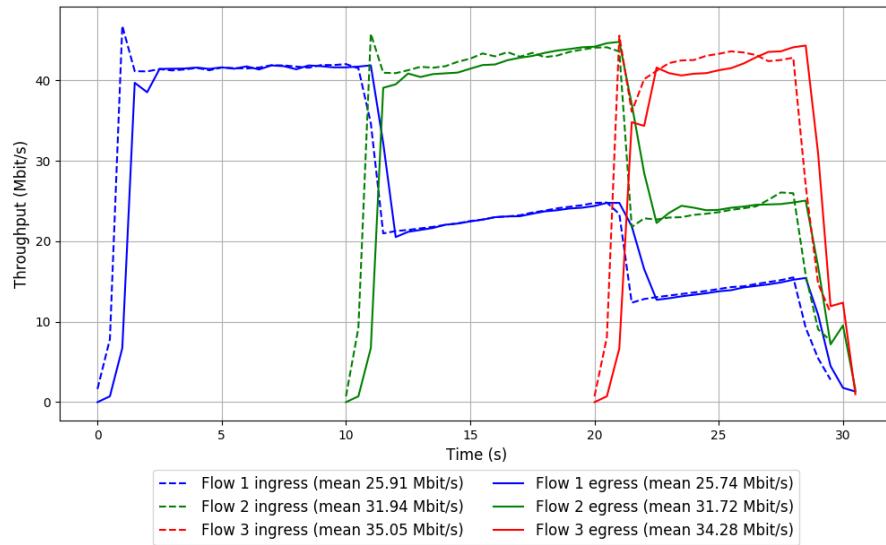


Run 7: Statistics of TCP Vegas

```
Start at: 2018-05-24 15:56:48
End at: 2018-05-24 15:57:18
Local clock offset: -2.454 ms
Remote clock offset: -0.985 ms

# Below is generated by plot.py at 2018-05-24 17:24:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.21 Mbit/s
95th percentile per-packet one-way delay: 92.135 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 25.74 Mbit/s
95th percentile per-packet one-way delay: 90.020 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 31.72 Mbit/s
95th percentile per-packet one-way delay: 95.863 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 34.28 Mbit/s
95th percentile per-packet one-way delay: 95.480 ms
Loss rate: 2.18%
```

Run 7: Report of TCP Vegas — Data Link

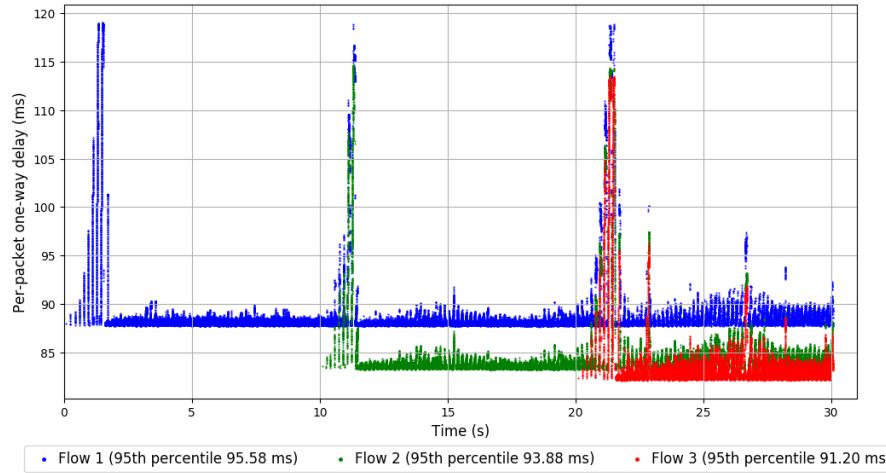
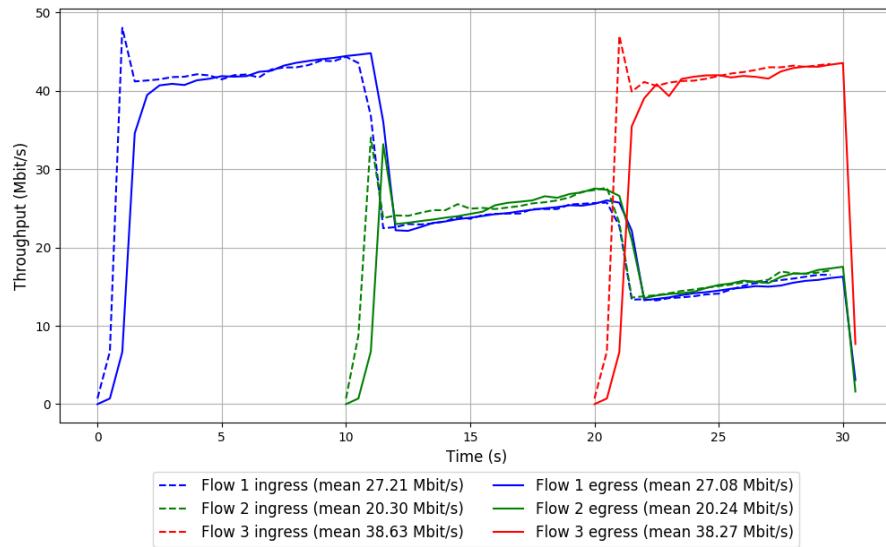


Run 8: Statistics of TCP Vegas

```
Start at: 2018-05-24 16:16:29
End at: 2018-05-24 16:16:59
Local clock offset: -2.225 ms
Remote clock offset: 3.999 ms

# Below is generated by plot.py at 2018-05-24 17:24:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.27 Mbit/s
95th percentile per-packet one-way delay: 93.927 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 27.08 Mbit/s
95th percentile per-packet one-way delay: 95.584 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 20.24 Mbit/s
95th percentile per-packet one-way delay: 93.877 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 38.27 Mbit/s
95th percentile per-packet one-way delay: 91.205 ms
Loss rate: 0.92%
```

Run 8: Report of TCP Vegas — Data Link

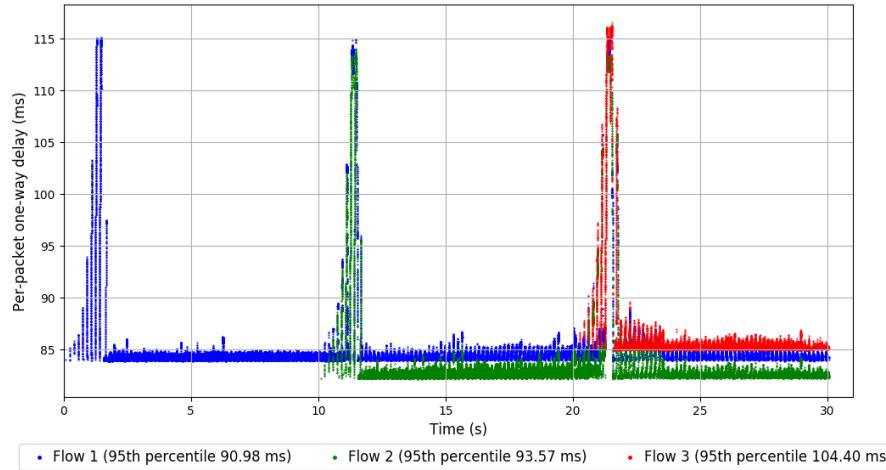
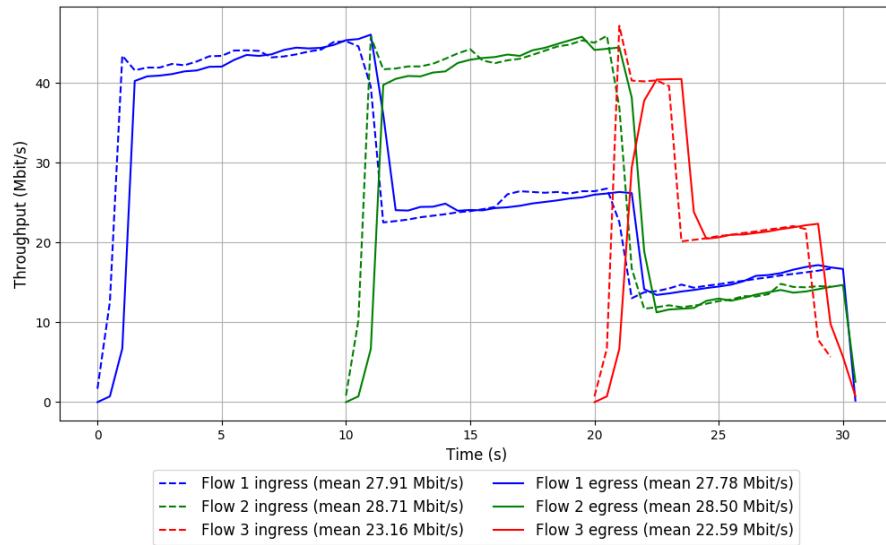


Run 9: Statistics of TCP Vegas

```
Start at: 2018-05-24 16:36:08
End at: 2018-05-24 16:36:38
Local clock offset: -1.454 ms
Remote clock offset: 5.186 ms

# Below is generated by plot.py at 2018-05-24 17:24:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.27 Mbit/s
95th percentile per-packet one-way delay: 93.916 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 27.78 Mbit/s
95th percentile per-packet one-way delay: 90.985 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 28.50 Mbit/s
95th percentile per-packet one-way delay: 93.573 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 22.59 Mbit/s
95th percentile per-packet one-way delay: 104.397 ms
Loss rate: 2.44%
```

Run 9: Report of TCP Vegas — Data Link

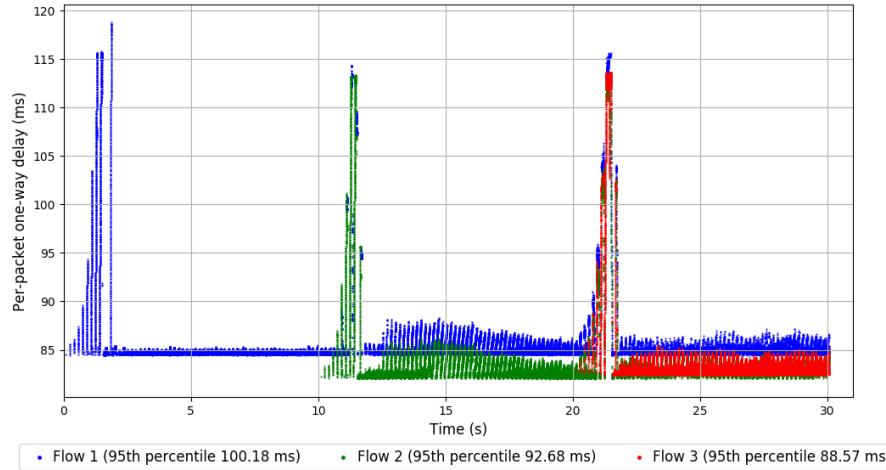
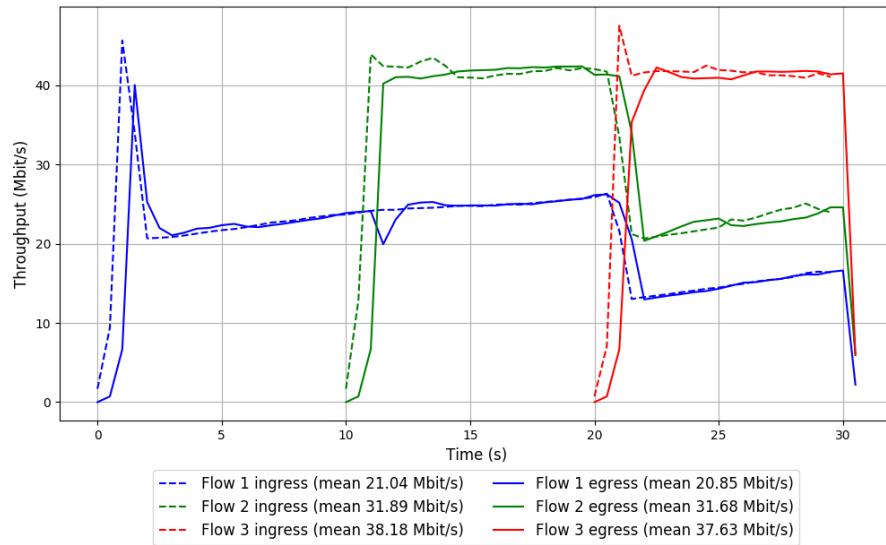


Run 10: Statistics of TCP Vegas

```
Start at: 2018-05-24 16:55:47
End at: 2018-05-24 16:56:17
Local clock offset: -1.386 ms
Remote clock offset: 7.321 ms

# Below is generated by plot.py at 2018-05-24 17:24:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.46 Mbit/s
95th percentile per-packet one-way delay: 95.043 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 20.85 Mbit/s
95th percentile per-packet one-way delay: 100.184 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 92.678 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 37.63 Mbit/s
95th percentile per-packet one-way delay: 88.567 ms
Loss rate: 1.42%
```

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-05-24 13:55:07
End at: 2018-05-24 13:55:37
Local clock offset: -2.587 ms
Remote clock offset: 3.662 ms

Run 1: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of Verus

Start at: 2018-05-24 14:14:47

End at: 2018-05-24 14:15:17

Local clock offset: -2.14 ms

Remote clock offset: 8.42 ms

Run 2: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of Verus

Start at: 2018-05-24 14:34:27
End at: 2018-05-24 14:34:57
Local clock offset: -1.922 ms
Remote clock offset: 18.732 ms

Run 3: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Verus

Start at: 2018-05-24 14:54:07
End at: 2018-05-24 14:54:37
Local clock offset: -1.038 ms
Remote clock offset: 25.474 ms

Run 4: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of Verus

Start at: 2018-05-24 15:13:47
End at: 2018-05-24 15:14:17
Local clock offset: -1.193 ms
Remote clock offset: 28.513 ms

Run 5: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of Verus

Start at: 2018-05-24 15:33:28
End at: 2018-05-24 15:33:58
Local clock offset: -1.414 ms
Remote clock offset: 24.431 ms

Run 6: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of Verus

Start at: 2018-05-24 15:53:09

End at: 2018-05-24 15:53:39

Local clock offset: -2.464 ms

Remote clock offset: 0.582 ms

Run 7: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of Verus

Start at: 2018-05-24 16:12:49

End at: 2018-05-24 16:13:19

Local clock offset: -2.225 ms

Remote clock offset: 0.181 ms

Run 8: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of Verus

Start at: 2018-05-24 16:32:30
End at: 2018-05-24 16:33:00
Local clock offset: -2.974 ms
Remote clock offset: 5.375 ms

Run 9: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of Verus

Start at: 2018-05-24 16:52:08
End at: 2018-05-24 16:52:38
Local clock offset: -2.934 ms
Remote clock offset: 6.215 ms

Run 10: Report of Verus — Data Link

Figure is missing

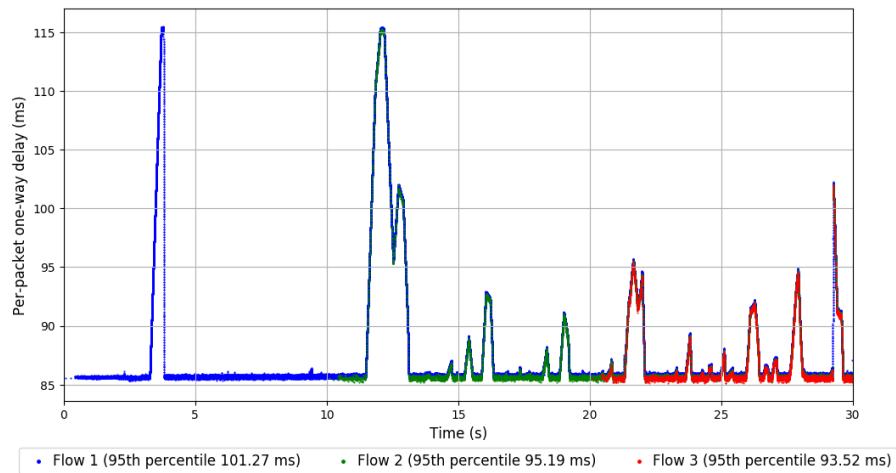
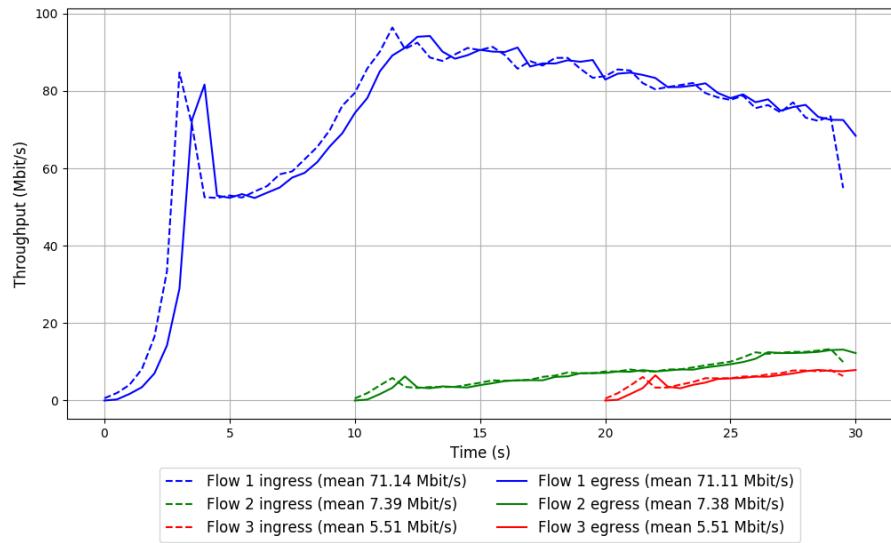
Figure is missing

Run 1: Statistics of PCC-Vivace

```
Start at: 2018-05-24 14:03:32
End at: 2018-05-24 14:04:02
Local clock offset: -2.344 ms
Remote clock offset: 8.737 ms

# Below is generated by plot.py at 2018-05-24 17:25:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 100.946 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 71.11 Mbit/s
95th percentile per-packet one-way delay: 101.266 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 7.38 Mbit/s
95th percentile per-packet one-way delay: 95.185 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 5.51 Mbit/s
95th percentile per-packet one-way delay: 93.521 ms
Loss rate: 0.02%
```

Run 1: Report of PCC-Vivace — Data Link

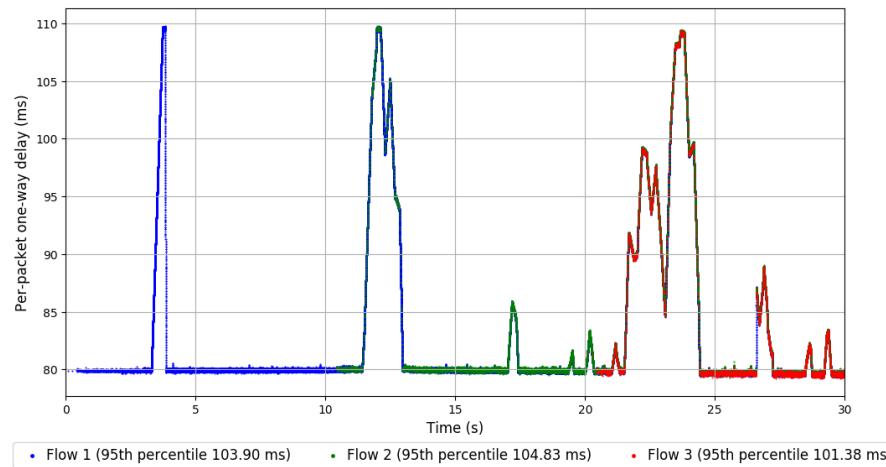
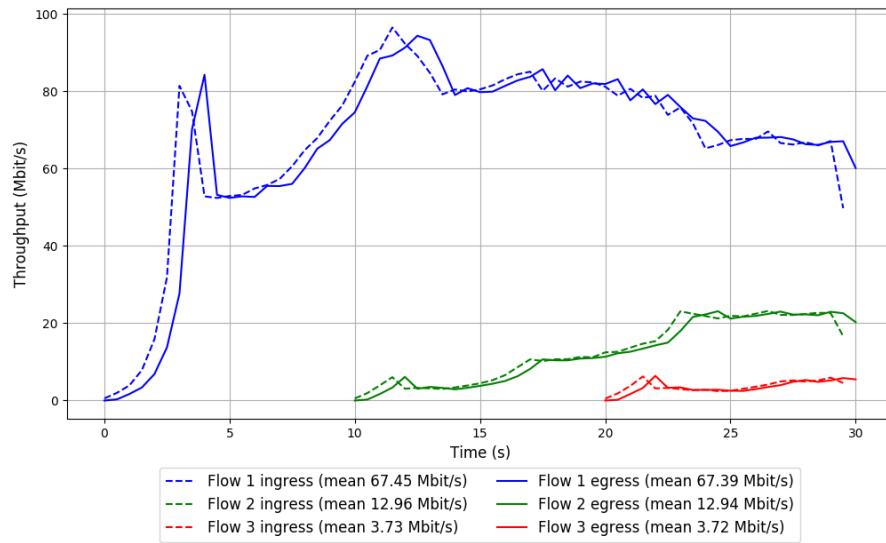


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-05-24 14:23:12
End at: 2018-05-24 14:23:42
Local clock offset: -2.04 ms
Remote clock offset: 2.836 ms

# Below is generated by plot.py at 2018-05-24 17:25:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.23 Mbit/s
95th percentile per-packet one-way delay: 103.967 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 67.39 Mbit/s
95th percentile per-packet one-way delay: 103.898 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 104.829 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 101.375 ms
Loss rate: 0.19%
```

Run 2: Report of PCC-Vivace — Data Link

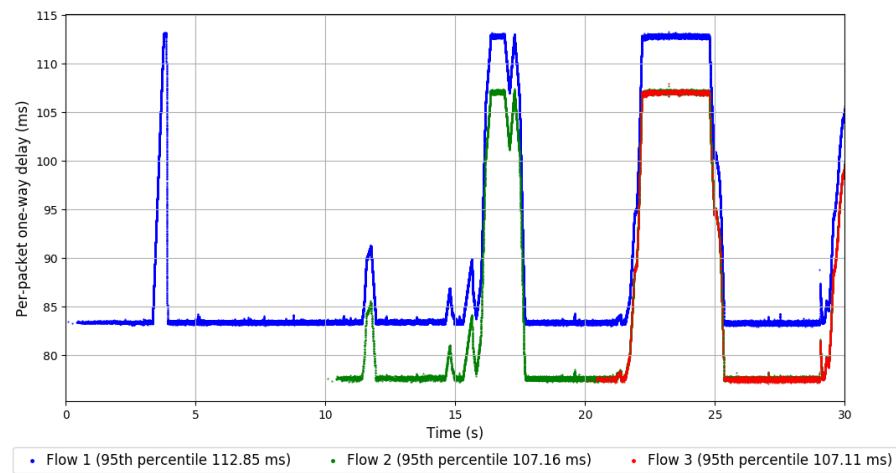
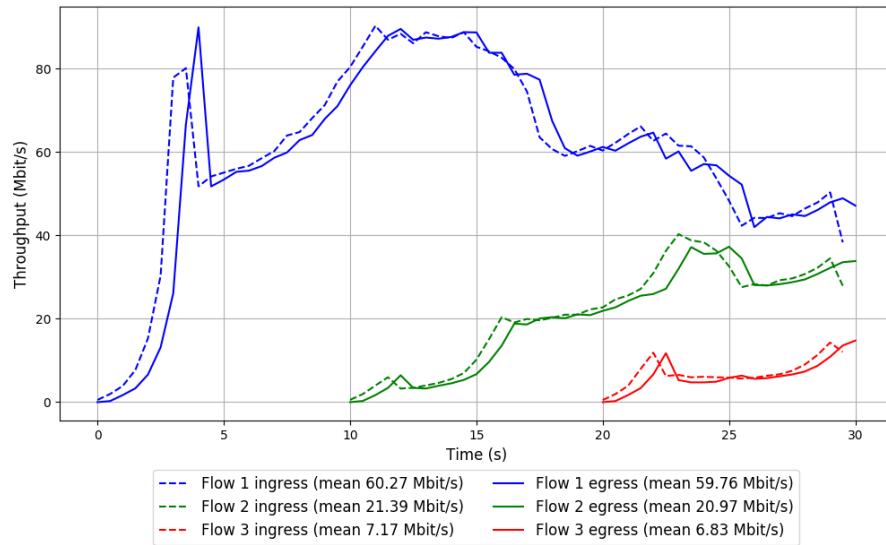


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-05-24 14:42:52
End at: 2018-05-24 14:43:22
Local clock offset: -1.11 ms
Remote clock offset: 17.782 ms

# Below is generated by plot.py at 2018-05-24 17:25:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.97 Mbit/s
95th percentile per-packet one-way delay: 112.816 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 59.76 Mbit/s
95th percentile per-packet one-way delay: 112.849 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 20.97 Mbit/s
95th percentile per-packet one-way delay: 107.156 ms
Loss rate: 1.88%
-- Flow 3:
Average throughput: 6.83 Mbit/s
95th percentile per-packet one-way delay: 107.112 ms
Loss rate: 4.61%
```

Run 3: Report of PCC-Vivace — Data Link

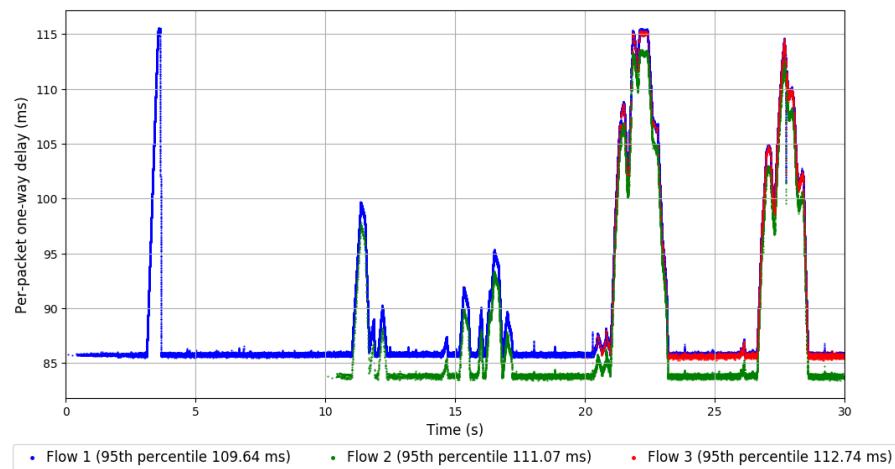
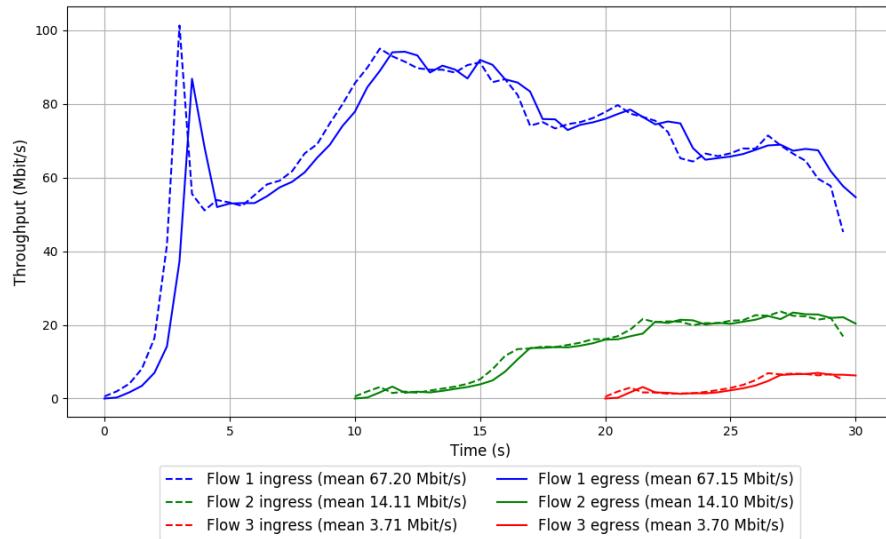


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-05-24 15:02:33
End at: 2018-05-24 15:03:03
Local clock offset: -1.941 ms
Remote clock offset: 28.129 ms

# Below is generated by plot.py at 2018-05-24 17:25:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.75 Mbit/s
95th percentile per-packet one-way delay: 109.888 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 67.15 Mbit/s
95th percentile per-packet one-way delay: 109.644 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 14.10 Mbit/s
95th percentile per-packet one-way delay: 111.071 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 3.70 Mbit/s
95th percentile per-packet one-way delay: 112.739 ms
Loss rate: 0.26%
```

Run 4: Report of PCC-Vivace — Data Link

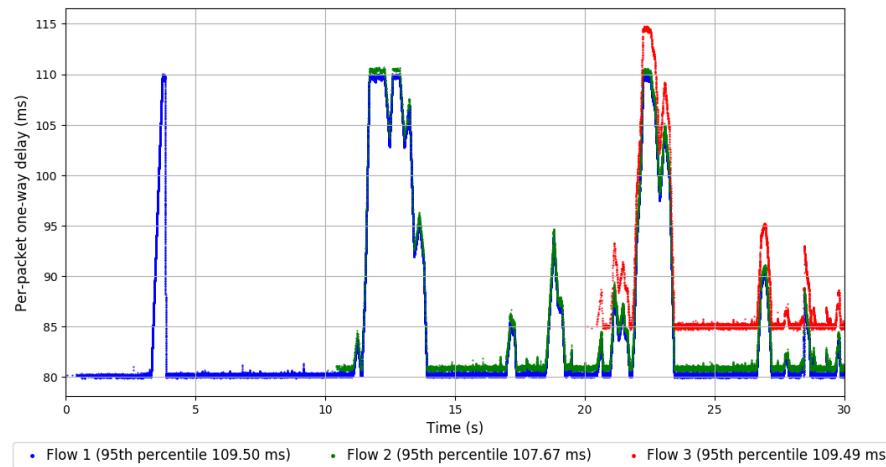
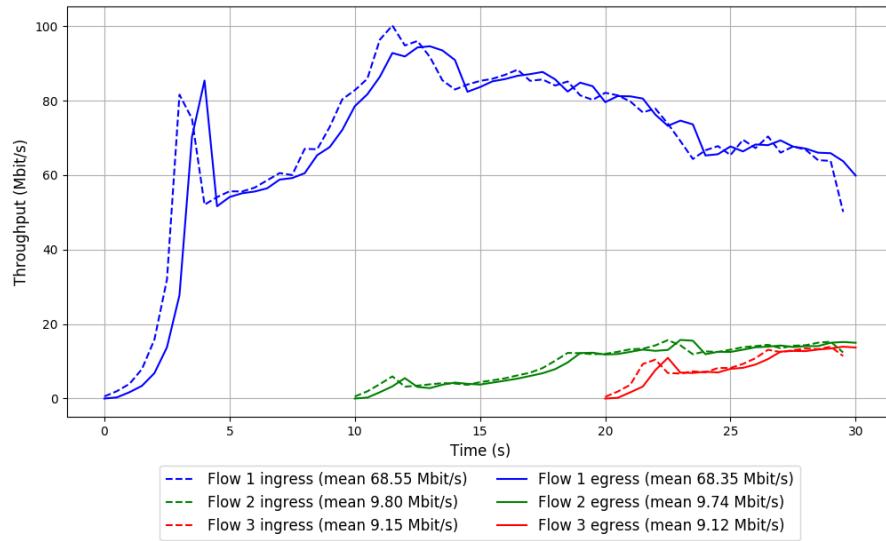


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-05-24 15:22:13
End at: 2018-05-24 15:22:43
Local clock offset: -1.943 ms
Remote clock offset: 27.053 ms

# Below is generated by plot.py at 2018-05-24 17:25:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 109.479 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 68.35 Mbit/s
95th percentile per-packet one-way delay: 109.504 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 9.74 Mbit/s
95th percentile per-packet one-way delay: 107.673 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 109.491 ms
Loss rate: 0.45%
```

Run 5: Report of PCC-Vivace — Data Link

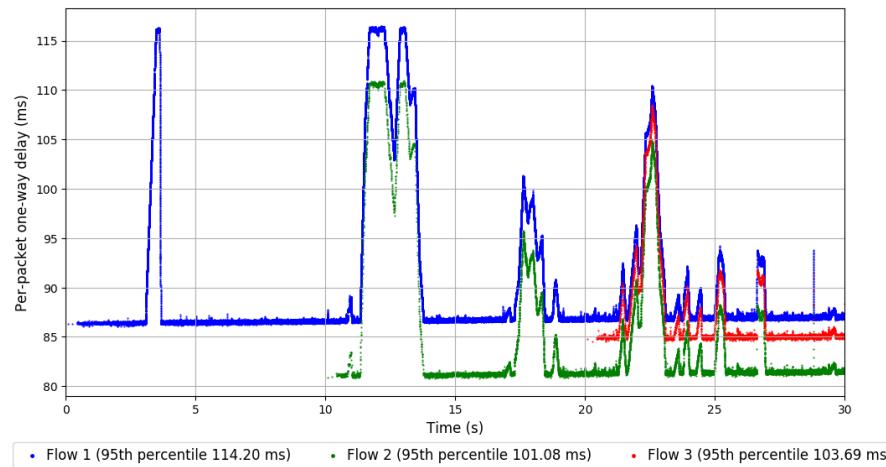
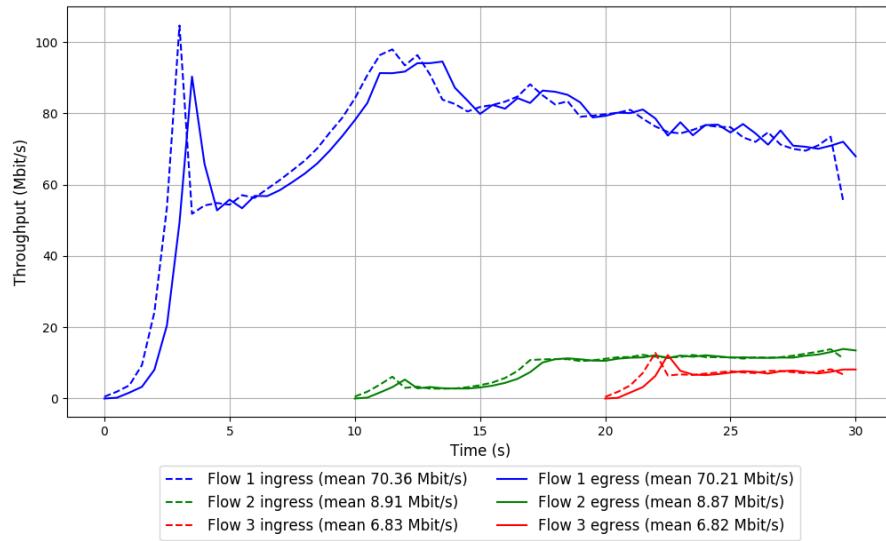


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-05-24 15:41:54
End at: 2018-05-24 15:42:24
Local clock offset: -2.341 ms
Remote clock offset: 9.04 ms

# Below is generated by plot.py at 2018-05-24 17:25:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.36 Mbit/s
95th percentile per-packet one-way delay: 112.559 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 70.21 Mbit/s
95th percentile per-packet one-way delay: 114.203 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 8.87 Mbit/s
95th percentile per-packet one-way delay: 101.083 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 6.82 Mbit/s
95th percentile per-packet one-way delay: 103.685 ms
Loss rate: 0.07%
```

Run 6: Report of PCC-Vivace — Data Link

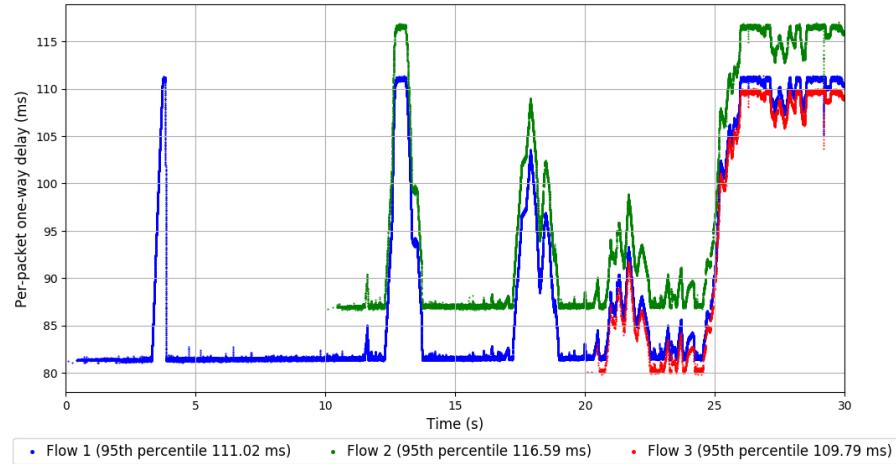
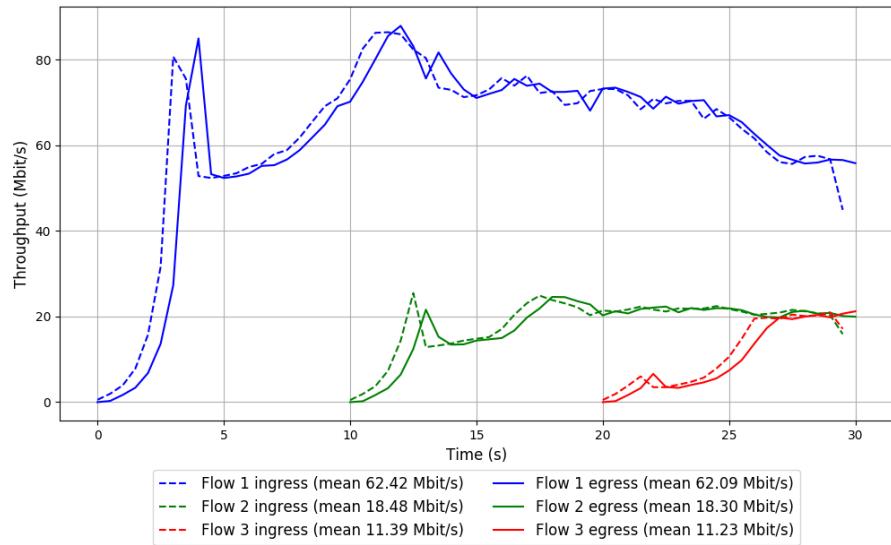


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-05-24 16:01:34
End at: 2018-05-24 16:02:04
Local clock offset: -2.34 ms
Remote clock offset: -2.004 ms

# Below is generated by plot.py at 2018-05-24 17:25:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.98 Mbit/s
95th percentile per-packet one-way delay: 111.172 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 62.09 Mbit/s
95th percentile per-packet one-way delay: 111.018 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 18.30 Mbit/s
95th percentile per-packet one-way delay: 116.586 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 11.23 Mbit/s
95th percentile per-packet one-way delay: 109.792 ms
Loss rate: 1.10%
```

Run 7: Report of PCC-Vivace — Data Link

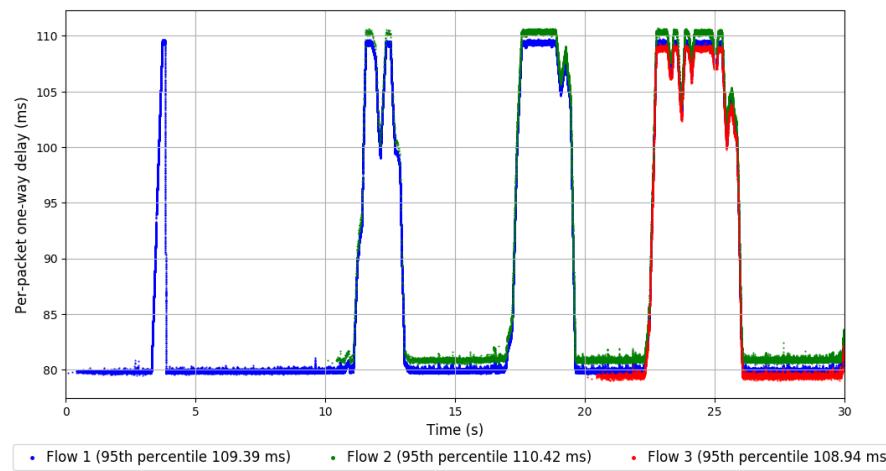
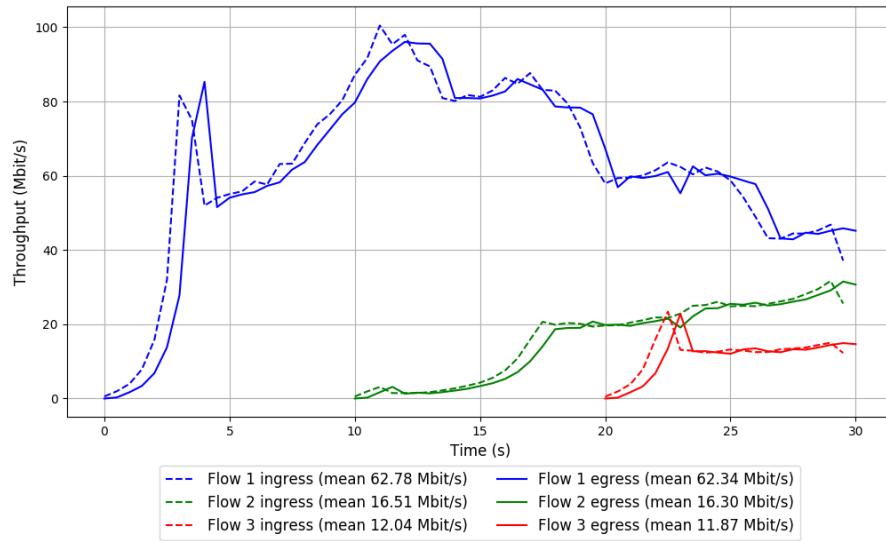


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-05-24 16:21:15
End at: 2018-05-24 16:21:45
Local clock offset: -2.205 ms
Remote clock offset: 1.543 ms

# Below is generated by plot.py at 2018-05-24 17:25:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.09 Mbit/s
95th percentile per-packet one-way delay: 109.448 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 62.34 Mbit/s
95th percentile per-packet one-way delay: 109.393 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 16.30 Mbit/s
95th percentile per-packet one-way delay: 110.415 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 11.87 Mbit/s
95th percentile per-packet one-way delay: 108.938 ms
Loss rate: 1.43%
```

Run 8: Report of PCC-Vivace — Data Link

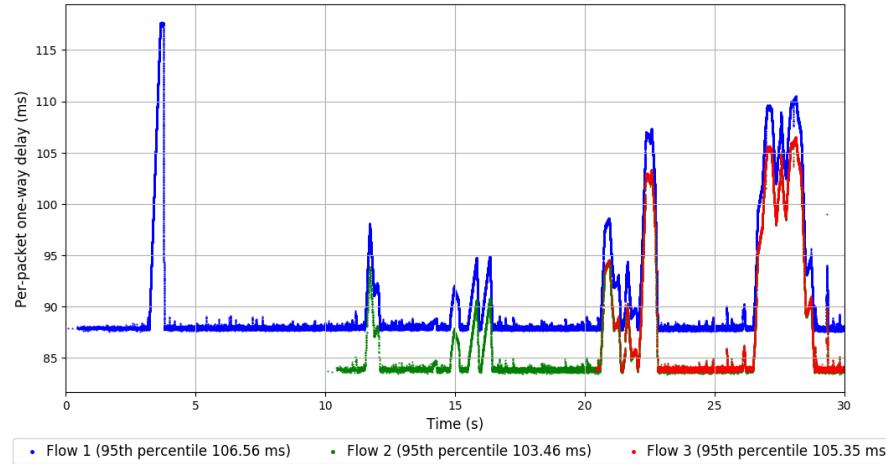
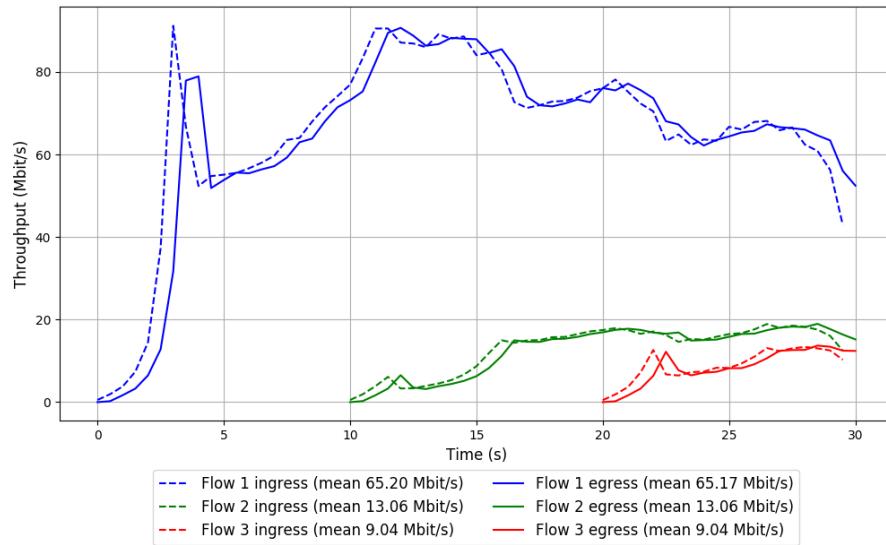


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-05-24 16:40:54
End at: 2018-05-24 16:41:24
Local clock offset: -1.436 ms
Remote clock offset: 5.151 ms

# Below is generated by plot.py at 2018-05-24 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.84 Mbit/s
95th percentile per-packet one-way delay: 105.890 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 65.17 Mbit/s
95th percentile per-packet one-way delay: 106.560 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 103.456 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 105.349 ms
Loss rate: 0.00%
```

Run 9: Report of PCC-Vivace — Data Link

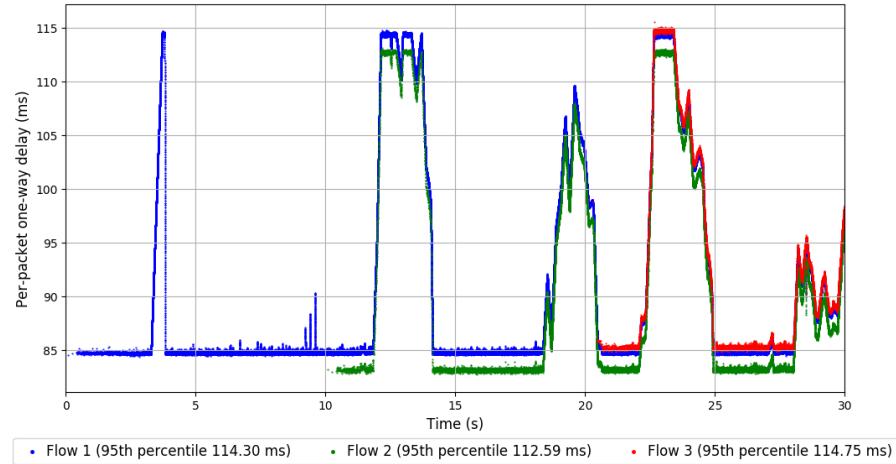
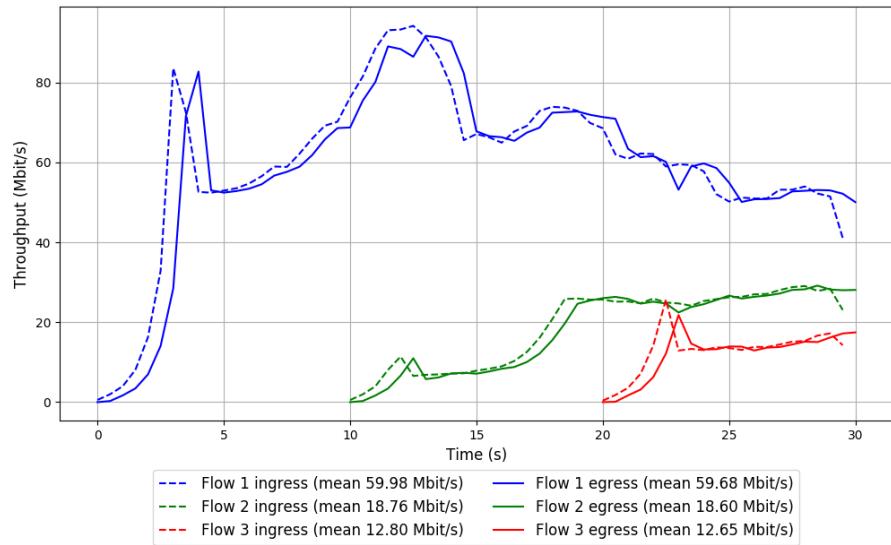


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-05-24 17:00:33
End at: 2018-05-24 17:01:03
Local clock offset: -2.117 ms
Remote clock offset: 7.389 ms

# Below is generated by plot.py at 2018-05-24 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.23 Mbit/s
95th percentile per-packet one-way delay: 114.277 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 59.68 Mbit/s
95th percentile per-packet one-way delay: 114.301 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 18.60 Mbit/s
95th percentile per-packet one-way delay: 112.593 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 12.65 Mbit/s
95th percentile per-packet one-way delay: 114.745 ms
Loss rate: 1.20%
```

Run 10: Report of PCC-Vivace — Data Link

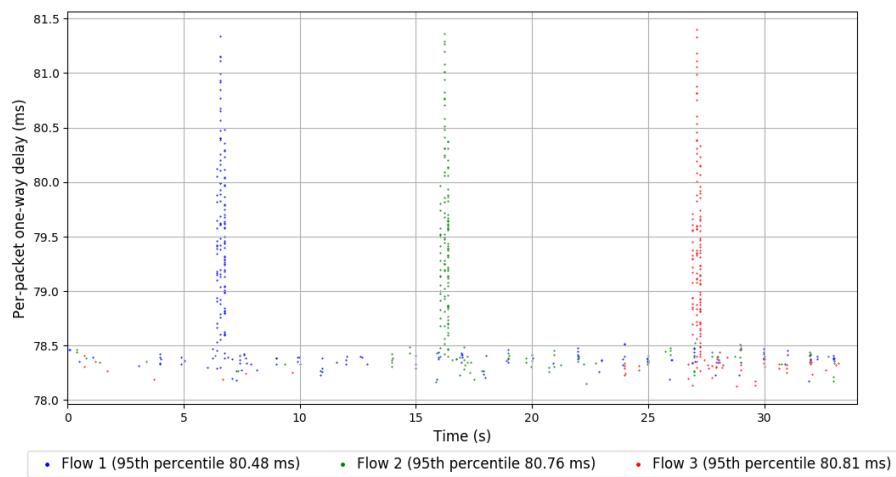
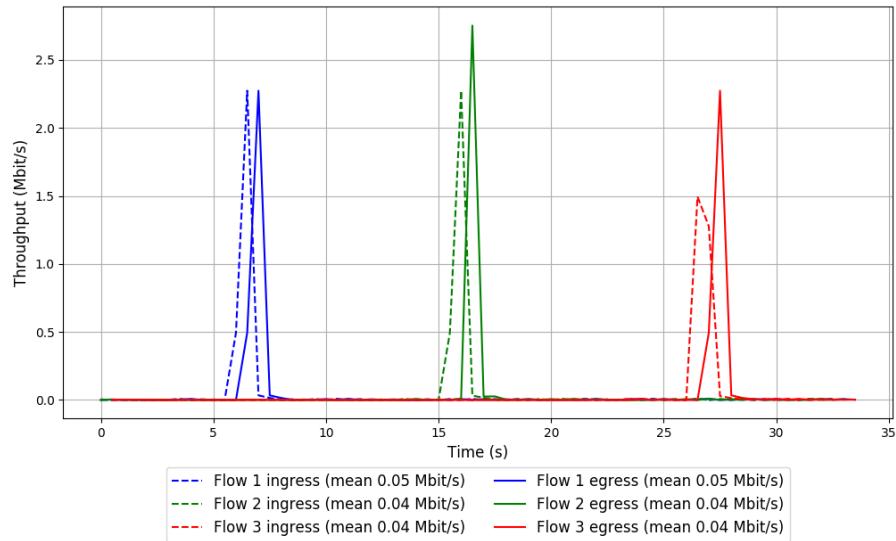


```
Run 1: Statistics of WebRTC media

Start at: 2018-05-24 14:02:21
End at: 2018-05-24 14:02:51
Local clock offset: -1.597 ms
Remote clock offset: 3.923 ms

# Below is generated by plot.py at 2018-05-24 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 80.678 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 80.478 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 80.758 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 80.815 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

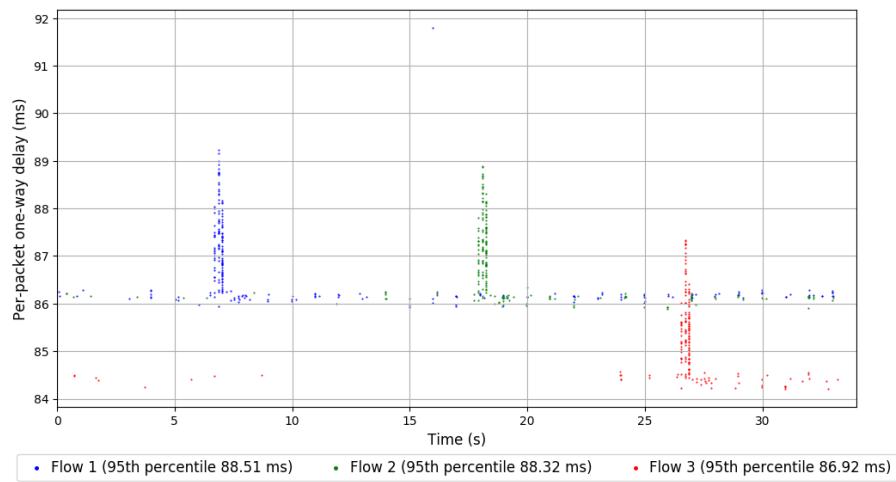
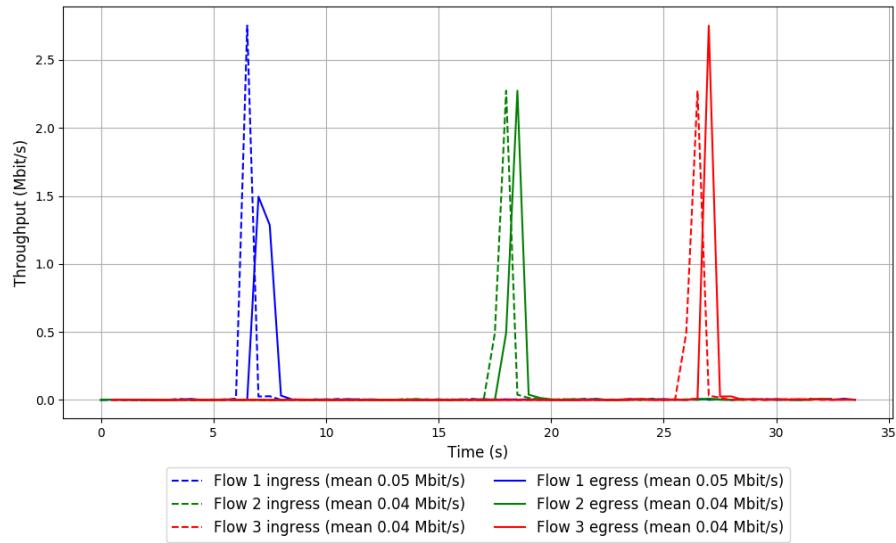


Run 2: Statistics of WebRTC media

```
Start at: 2018-05-24 14:22:02
End at: 2018-05-24 14:22:32
Local clock offset: -2.828 ms
Remote clock offset: 8.223 ms

# Below is generated by plot.py at 2018-05-24 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 88.182 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 88.508 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 88.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 86.917 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

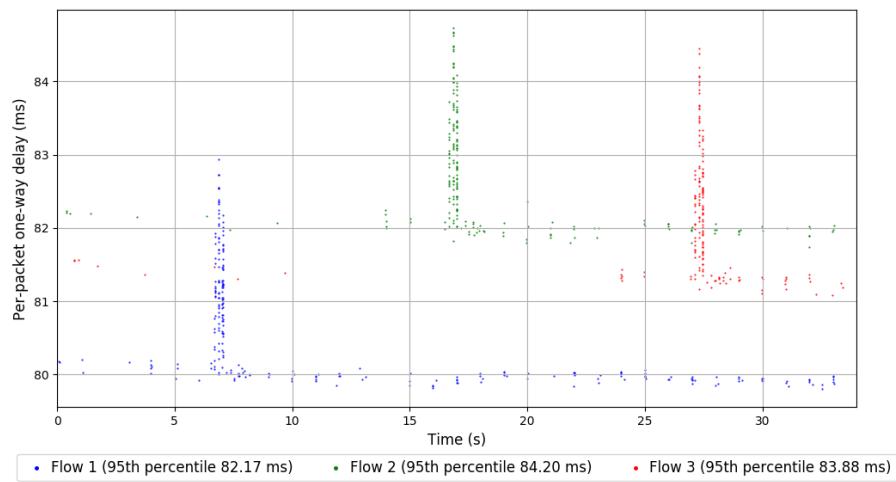
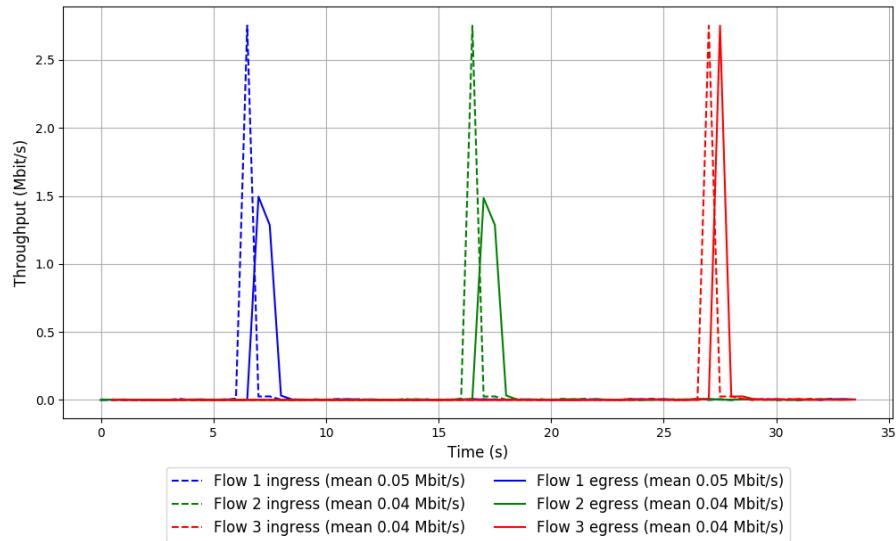


Run 3: Statistics of WebRTC media

```
Start at: 2018-05-24 14:41:41
End at: 2018-05-24 14:42:11
Local clock offset: -2.639 ms
Remote clock offset: 18.201 ms

# Below is generated by plot.py at 2018-05-24 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 83.838 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 82.173 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 84.203 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 83.882 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

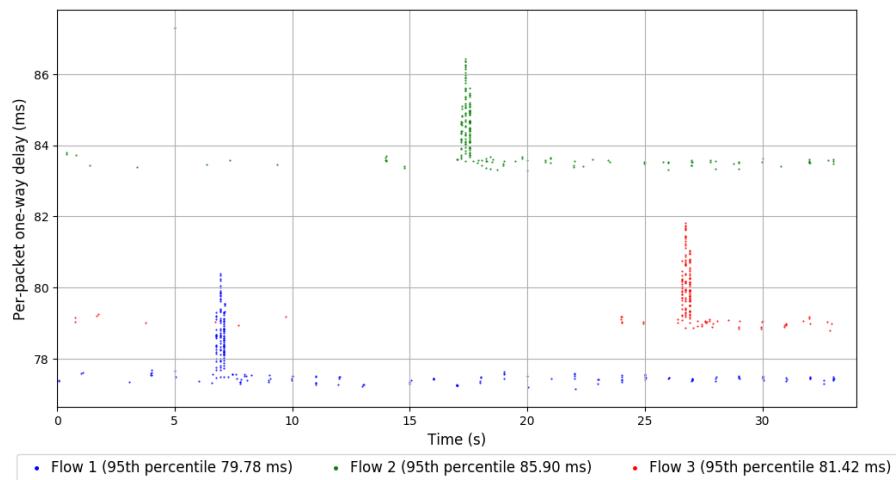
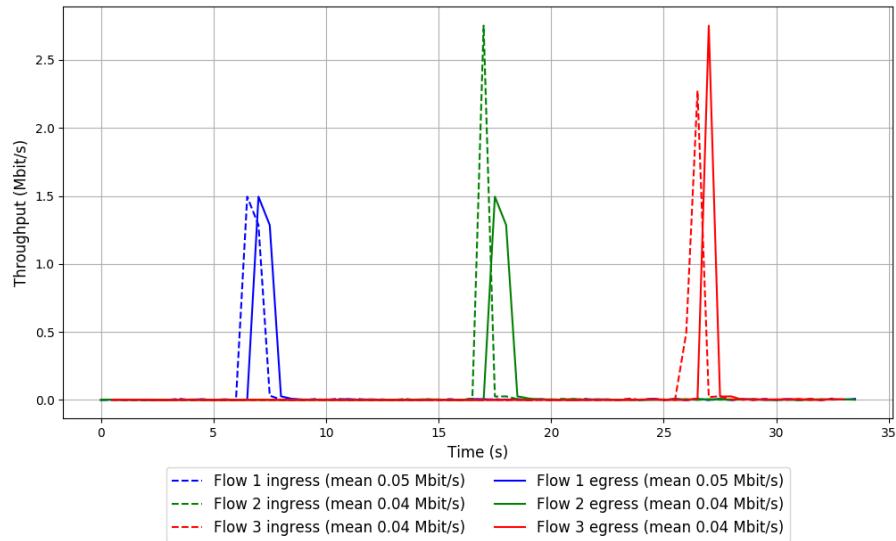


Run 4: Statistics of WebRTC media

```
Start at: 2018-05-24 15:01:23
End at: 2018-05-24 15:01:53
Local clock offset: -1.161 ms
Remote clock offset: 22.416 ms

# Below is generated by plot.py at 2018-05-24 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 85.102 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 79.778 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 85.899 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 81.422 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

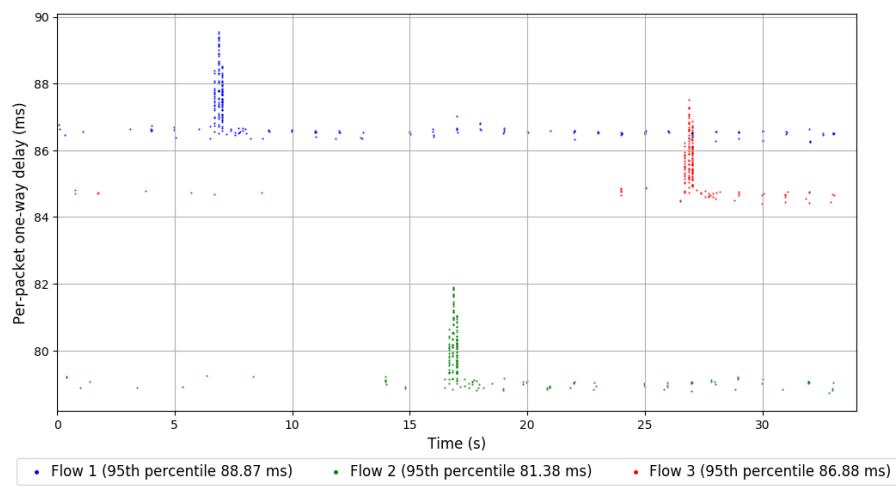
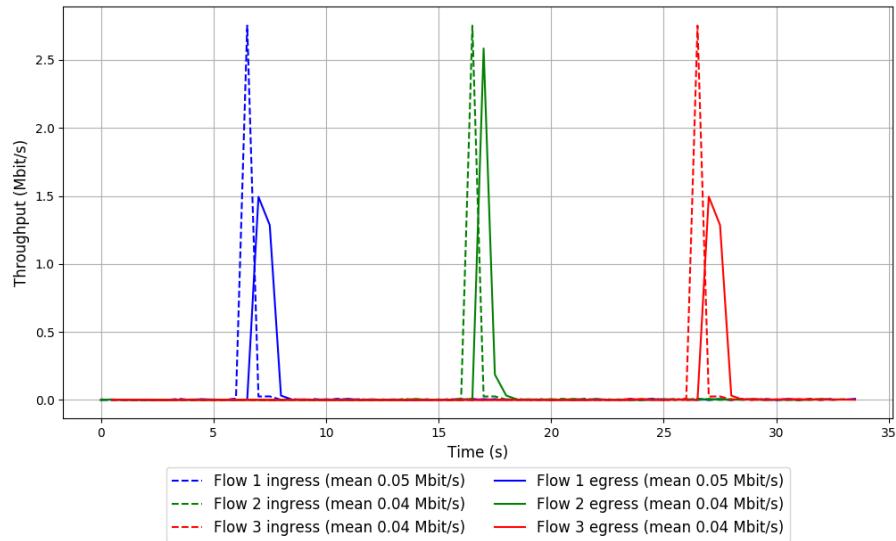


Run 5: Statistics of WebRTC media

```
Start at: 2018-05-24 15:21:02
End at: 2018-05-24 15:21:33
Local clock offset: -1.942 ms
Remote clock offset: 26.737 ms

# Below is generated by plot.py at 2018-05-24 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 88.089 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 88.874 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 81.383 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 86.875 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

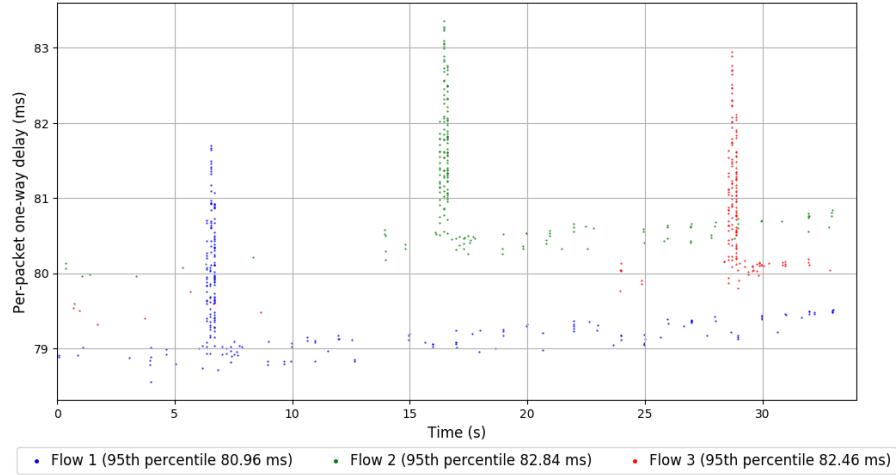
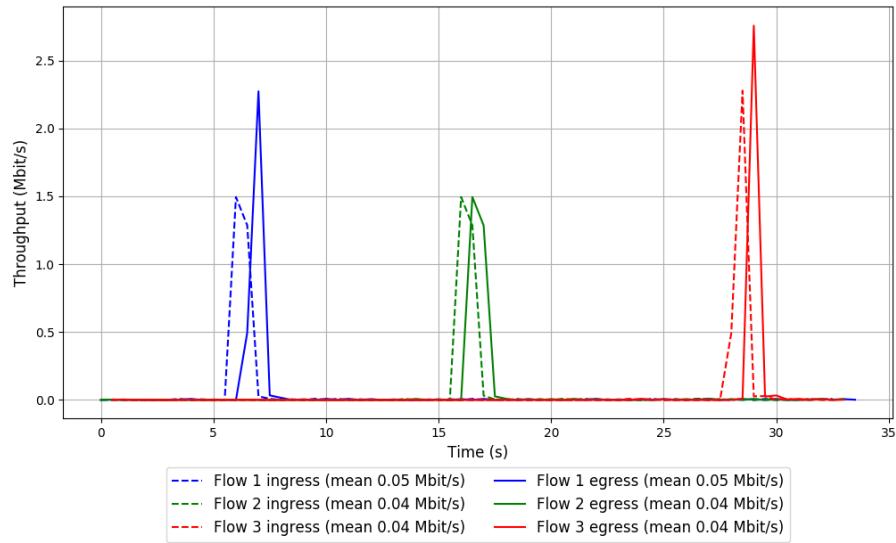


Run 6: Statistics of WebRTC media

```
Start at: 2018-05-24 15:40:43
End at: 2018-05-24 15:41:13
Local clock offset: -2.389 ms
Remote clock offset: 10.281 ms

# Below is generated by plot.py at 2018-05-24 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 82.460 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 80.963 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 82.841 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 82.460 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

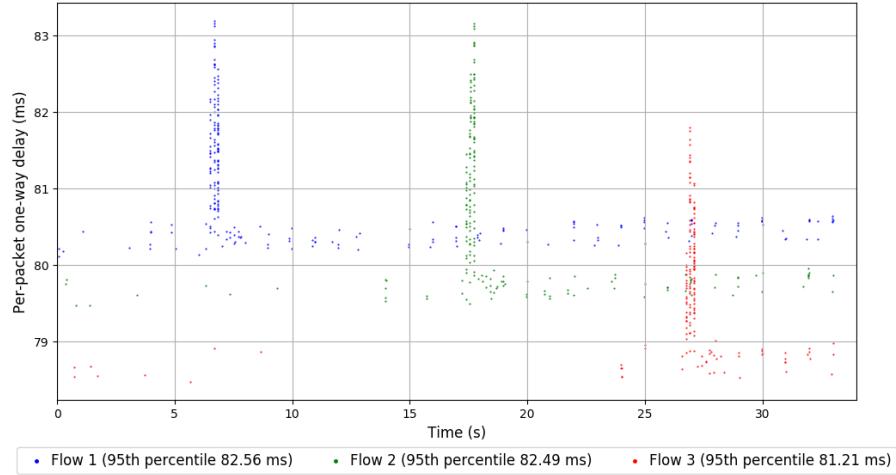
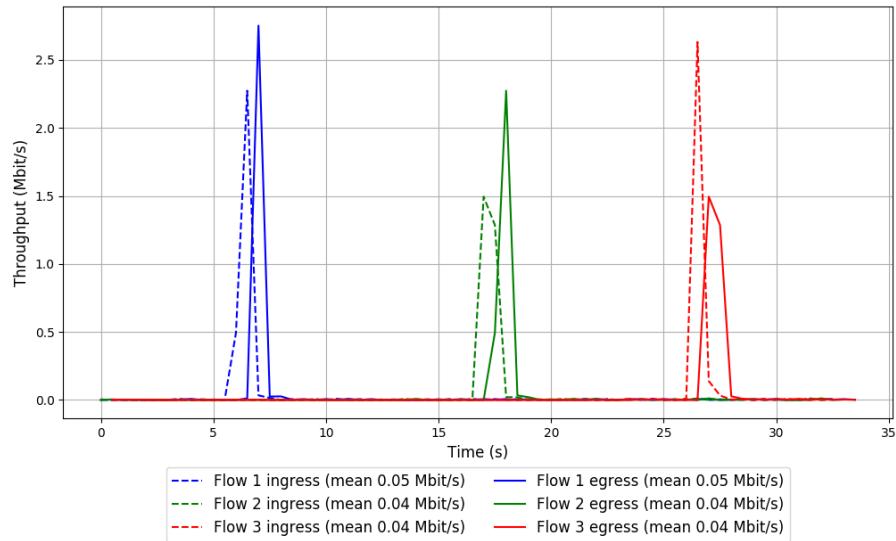


Run 7: Statistics of WebRTC media

```
Start at: 2018-05-24 16:00:24
End at: 2018-05-24 16:00:54
Local clock offset: -2.439 ms
Remote clock offset: -2.37 ms

# Below is generated by plot.py at 2018-05-24 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 82.401 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 82.557 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 82.491 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 81.207 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

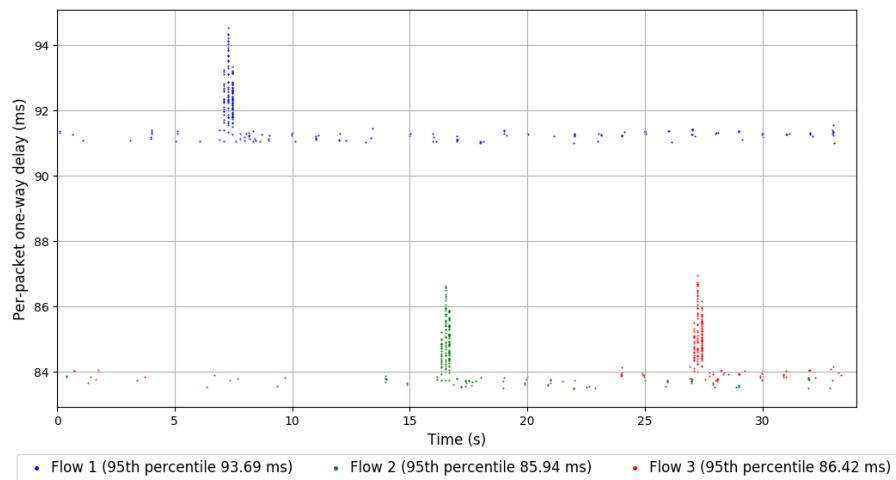
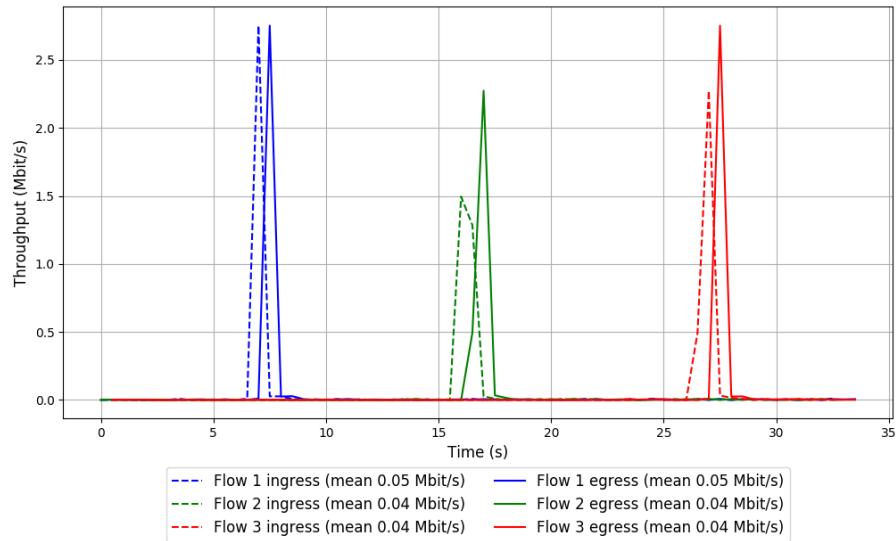


Run 8: Statistics of WebRTC media

```
Start at: 2018-05-24 16:20:05
End at: 2018-05-24 16:20:35
Local clock offset: -3.053 ms
Remote clock offset: 5.316 ms

# Below is generated by plot.py at 2018-05-24 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 92.886 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 93.688 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 85.941 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 86.416 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

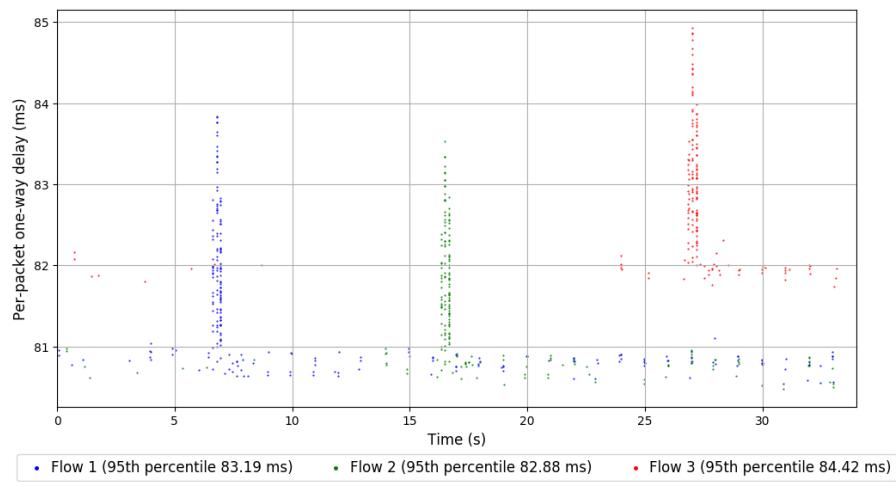
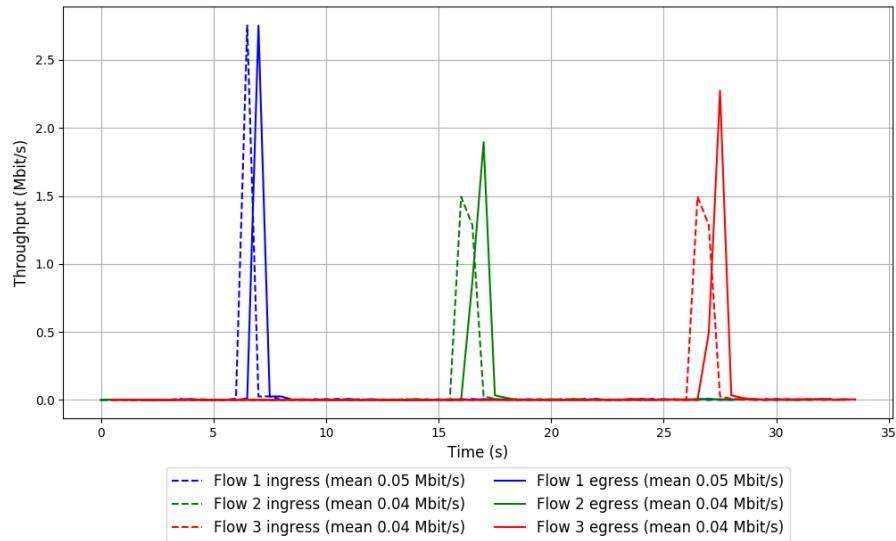


Run 9: Statistics of WebRTC media

```
Start at: 2018-05-24 16:39:44
End at: 2018-05-24 16:40:14
Local clock offset: -3.036 ms
Remote clock offset: 0.209 ms

# Below is generated by plot.py at 2018-05-24 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 83.653 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 83.192 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 82.882 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 84.418 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-05-24 16:59:23
End at: 2018-05-24 16:59:53
Local clock offset: -2.955 ms
Remote clock offset: 7.389 ms

# Below is generated by plot.py at 2018-05-24 17:26:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 87.820 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 88.102 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 86.693 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 88.045 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

